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1988
Oct-Dec

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during
October, November, December 1988

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

March 1989

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National Institutes of Health

PREPARED BY

U.S. NATIONAL INSTITUTES OF HEALTH
DIVISION OF RESEARCH GRANTS
INFORMATION SYSTEMS BRANCH

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A C T I V I T Y C O D E S

C06	CANCER RESEARCH FACILITIES (NCI)	R01	RESEARCH PROJECT GRANTS--TRADITIONAL
D42	HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT	R10	COOPERATIVE CLINICAL RESEARCH
D43	INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY	R18	RESEARCH DEMONSTRATION AND DISSEMINATION PROJECTS
F05	INTERNATIONAL FELLOWSHIPS (NCI)PS (FIC)	R15	ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA)
F06	SENIOR INTERNATIONAL FELLOWSHIPS (FIC)	R21	EXPLORATORY/DEVELOPMENTAL GRANTS
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F20	FRENCH, SWISS, SWEDISH POSTDOCTORAL FELLOWSHIPS	R23	YOUNG, NEW, AND SPECIAL INVESTIGATOR AWARDS
F31	PREDOCTORAL INDIVIDUAL NATIONAL RES. SERVICE AWD.	R24	RESOURCE-RELATED RESEARCH PROJECTS (DRR)
F32	POSTDOCTORAL INDIVIDUAL NAT'L. RES. SERVICE AWD.	R25	EDUCATION PROJECTS
F33	NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS	R26	NATIONAL ORGAN SITES PROJECT (NCI) OR AWARDS
F34	MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)	R29	FIRST INDEPENDENT RESEARCH SUPPORT AND TRANSITION (FIRST) AWARD
F36	MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)	R35	OUTSTANDING INVESTIGATOR GRANTS
G07	RESOURCES IMPROVEMENT GRANT (NLM)	R43	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE I
G08	RESOURCES PROJECT GRANT (NLM)	R44	SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II
G12	RESEARCH CENTERS IN MINORITY INSTITUTIONS AWARD	S03	MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (DRR)
G20	GRANTS FOR REPAIR, RENOVATION AND MODERNIZATION OF EXISTING RESEARCH FACILITIES	S06	MINORITY BIOMEDICAL SUPPORT--MBS (DRR)
K01	RESEARCH SCIENTIST DEV. AWARD--RES. AND TRAINING	S07	BIOMEDICAL RESEARCH SUPPORT GRANT (DRR)
K04	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD	S08	BIOMEDICAL RESEARCH DEVELOPMENT GRANT (DRR)
K07	ACADEMIC INVESTIGATOR AWARDS	S10	BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (DRR)
K08	CLINICAL INVESTIGATOR AWARD	S11	MINORITY BIOMEDICAL RES. SUPPORT THEMATIC PROJECT GRANTS (DRR)
K10	SPECIAL SCIENTIFIC PROJECTS (NLM)	S14	MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (DRR)
K11	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL)	T32	INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD
K12	PHYSICIAN SCIENTIST AWARD (PROGRAM)	T34	MARC UNDERGRADUATE NRSA INSTITUTIONAL GRANTS TRAINING
K14	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD	U01	RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
M01	GENERAL CLINICAL RESEARCH CENTERS (DRR)	U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)
N01	RESEARCH AND PROJECT CONTRACTS	U26	ORGAN SYSTEM COORDINATING CENTER (COOPERATIVE AGREEMENTS)
N43	SMALL BUSINESS INNOVATION RESEARCH (SBIR)--PHASE I	U41	BIOTECHNOLOGY RESOURCES (COOPERATIVE AGREEMENTS)
P01	RESEARCH PROGRAM PROJECTS	U50	SPECIAL COOPERATIVE HEALTH INVESTIGATIONS AND ASSESSMENTS OF CONTROL AND PREVENTION METHODS
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P30	CENTER CORE GRANTS		
P40	ANIMAL RESOURCE GRANT PROGRAM (DRR)		
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P60	COMPREHENSIVE CENTER		

SYMBOLS USED TO IDENTIFY THE ADMINISTERING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AR	NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES
CA	NATIONAL CANCER INSTITUTE
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	DIVISION OF CANCER PREVENTION AND CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER ETIOLOGY
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
DK	NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HC	DIVISION OF EPIDEMIOLOGY AND CLINICAL APPLICATIONS
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLBI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
LM	NATIONAL LIBRARY OF MEDICINE
OD	OFFICE OF THE DIRECTOR, NIH
DS	DIVISION OF SAFETY
NR	NATIONAL CENTER FOR NURSING RESEARCH
NS	NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING OCTOBER, NOVEMBER, DECEMBER 1988

I/D	TOTAL AWARDS		RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	31	6,537,588	26	6,215,559	4	251,773	0	0	1	70,256	0	0
AI	77	13,899,617	70	9,648,435	0	0	4	4,167,682	0	0	3	83,500
AR	25	4,962,445	21	4,449,049	3	210,115	1	303,281	0	0	0	0
CA	76	9,763,466	74	9,679,962	1	63,504	0	0	0	0	1	20,000
CB	1	2,071,026	0	0	0	0	1	2,071,026	0	0	0	0
CL	1	1,920,200	0	0	0	0	1	1,920,200	0	0	0	0
CO	1	163,563	0	0	0	0	1	163,563	0	0	0	0
DE	34	3,572,963	27	3,246,433	4	237,530	0	0	0	0	3	89,000
DK	58	8,579,910	54	7,968,682	1	75,579	1	476,153	0	0	2	59,496
ES	17	8,582,126	14	6,638,003	1	53,436	2	1,890,687	0	0	0	0
EY	24	2,834,913	24	2,834,913	0	0	0	0	0	0	0	0
GM	148	17,015,681	134	15,617,288	0	0	1	1,008,557	1	132,373	12	257,463
HB	16	1,274,359	0	0	0	0	16	1,274,359	0	0	0	0
HD	63	8,379,149	57	7,641,455	2	120,187	2	575,507	0	0	2	42,000
HL	107	16,271,887	98	15,739,189	9	532,698	0	0	0	0	0	0
LM	8	3,181,221	2	557,731	0	0	6	2,623,490	0	0	0	0
NR	10	1,162,770	6	1,112,770	0	0	0	0	0	0	4	50,000
NS	113	13,363,765	106	12,906,220	7	457,545	0	0	0	0	0	0
RR**	41	23,965,447	4	1,145,908	0	0	0	0	0	0	0	0
TW	11	314,873	0	0	0	0	0	0	0	0	11	314,873
	862	147,816,969	717	105,401,597	32	2,002,367	36	16,474,505	2	202,629	38	916,332

*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

**INCLUDES 37 AWARDS AND 22,819,529 DOLLARS FOR CONSTRUCTION GRANTS

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

ALABAMA

BIRMINGHAM

SOUTHERN RESEARCH INSTITUTE

1R01 HL41889-01

MCCARTHY, DENNIS J

DESIGN OF MATERIAL FOR REMOVAL OF BLOOD TOXIC AGENTS

97,463

INSTITUTION TOTAL 1 97,463

UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM

1R13 AI27040-01

AIR, GILLIAN M

WORKSHOP ON ANTIVIRAL DESIGN USING X-RAY CRYSTALLOGRAPHY

2,500

1R01 AR39741-01

COUCHMAN, JOHN R

FIBRONECTIN AND SKIN DEVELOPMENT

102,758

1R01 HL40458-01A1

FREEMAN, BRUCE A

REACTIVE OXYGEN METABOLISM BY THE ALVEOLAR EPITHELIUM

243,285

1R01 DK41330-01

FRIZZELL, RAYMOND A

CYSTIC FIBROSIS PANCREATIC ADENOCARCINOMA CELL LINES

177,681

1R01 AI27316-01

HAJDUK, STEPHEN L

LYSIS OF TRYPAANOSOMA BRUCEI BY HUMAN H-D LIPOPROTEIN

158,293

1R01 NS26165-01A1

JOPE, RICHARD S

LITHIUM POTENTIATED STATUS EPILEPTICUS

68,417

1R29 AI27518-01

LUO, MING

STRUCTURE OF AN INFLUENZA B NEURAMINIDASE-FAB COMPLEX

96,906

1R01 DK41935-01

ZUCKERMAN, KENNETH S

HIV AND HEMOPOIETIC MICROENVIRONMENT

175,508

INSTITUTION TOTAL

8 1,025,348

CITY TOTAL

9 1,122,811

MOBILE

UNIVERSITY OF SOUTH ALABAMA

1R01 NS26662-01

AYLING, JUNE E

TETRAHYDROPTERIN TREATMENT FOR NEUROLOGICAL DISORDERS

192,098

INSTITUTION TOTAL

1 192,098

CITY TOTAL

1 192,098

TUSCALOOSA

UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA

1R01 GM40967-01

CAVA, MICHAEL P

SYNTHESIS OF TROPISOQUINOLINE ALKALOIDS

70,710

INSTITUTION TOTAL

1 70,710

CITY TOTAL

1 70,710

STATE TOTAL

11 1,385,619

ARIZONA

SUN CITY

SUN HEALTH CORPORATION--INSTITUTE FOR BIOGERONTOLOGY RESEARCH

1R01 NS26146-01A1

MUFSON, ELLIOTT J

CORTICAL SOMATOSTATINERGIC SYSTEMS

92,583

INSTITUTION TOTAL

1 92,583

CITY TOTAL

1 92,583

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
1R29 CA47547-01A1	HILL, ANNA B	TRANSFORMATION ASSOCIATED ENHANCEMENT OF DRUG RESISTANCE	83,993
1R01 GM42437-01	MARCHALONIS, JOHN J	IMMUNE-LIKE PROTEINS OF INVERTEBRATES	141,467
1R29 AI27403-01	WHEELER, DIANA ESTHER	OOGENESIS & MECHANISMS OF STERILITY IN SOCIAL INSECTS	103,858
INSTITUTION TOTAL			
CITY TOTAL	3	329,318	
	3	329,318	
STATE TOTAL			
	4	421,901	
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK			
1R01 ES04758-01A1	BARNETT, JOHN B	IMMUNOTOXICITY OF PROPANIL AND TETRACHLOROAZOBENZENE	150,384
1R01 GM41293-01	CALDWELL, FRED T	NEUROHORMONAL CONTROL OF POSTBURN HYPERMETABOLISM	93,986
1R01 GM41257-01	LIARAKOS, CHARLES D	OVALBUMIN MRNA STRUCTURE-FUNCTION RELATIONSHIPS	91,901
1R01 AR39726-01	RANK, ROGER G	IMMUNOPATHOLOGY OF CHLAMYDIA--INDUCED REACTIVE ARTHRITIS	142,077
1R29 DK40035-01A1	SZABO, JOANNE S	GI MYOELECTRIC ACTIVITY--MATURATION AND FUNCTION	76,604
INSTITUTION TOTAL			
CITY TOTAL	5	554,952	
	5	554,952	
STATE TOTAL			
	5	554,952	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1R01 HD24982-01	LEE, RONALD D	MODELING AND FORECASTING DEMOGRAPHIC TIME SERIES	158,310
INSTITUTION TOTAL			
CITY TOTAL	1	158,310	
	1	158,310	
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1R01 AI27090-01	BAUMANN, PAUL	GENETICS AND PHYSIOLOGY OF BACTERIAL MOSQUITO TOXINS	72,980
1R29 ES05002-01	PESSAH, ISAAC N	MECHANISM INFLUENCING LIGAND-GATED CA2+ RELEASE CHANNELS	108,071
1R01 HD24959-01	STYNE, DENNIS M	MECHANISMS OF EGF ACTION IN FETAL AND NEONATAL	231,255
INSTITUTION TOTAL			
CITY TOTAL	3	412,306	
	3	412,306	

DOLLARS
AWARDED

49,280

180,074

92,222

103,792

766,248

117,202

81,422

105,180

117,256

110,143

87,058

149,837

229,129

115,635

211,890

NIH
RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CALIFORNIA
DEL MAR
BIOMEDCOM, INC.
1R43 EY08023-01

CHEN, PETER C

INSTITUTION TOTAL
CITY TOTAL1 49,280
1 49,280

NONINVASIVE MEASUREMENT OF MICROCIRCULATION IN MAN

49,280

DUARTE

BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE
1R01 GM41360-01 MAS, MARIA T

INSTITUTION TOTAL

1 180,074

FOLDING AND DYNAMICS OF A BI-DOMAIN ENZYME

180,074

CITY OF HOPE NATIONAL MEDICAL CENTER
1R29 GM41336-01 SOWERS, LAWRENCE CINSTITUTION TOTAL
CITY TOTAL1 92,222
2 272,296

BASE PAIRING AND MUTAGENESIS--NMR STUDY

92,222

IRVINE

UNIVERSITY OF CALIFORNIA AT IRVINE
1R01 HD25138-01 BRONNER-FRASER, MARIANNE E
1R35 AG07918-01 COTMAN, CARL W
1R01 GM38778-01A2 FONZI, WILLIAM A
1R01 NS26748-01 GALL, CHRISTINE M
1R01 NS26729-01 GOLDIN, ALAN L
1R01 ES04982-01 JAMES, ROBERT C
1R01 NS26750-01 MEYER, RONALD L
1R29 GM41465-01 SENEAR, DONALD F
1R01 NS25928-01A1 SUMIKAWA, KATUMIINSTITUTION TOTAL
CITY TOTAL9 1,638,138
9 1,638,138CELL LINEAGE ANALYSIS OF THE NEURAL CREST
NEURONAL PLASTICITY VERSUS PATHOLOGY IN ALZHEIMER'S
POLYAMINE SYNTHESIS IN MICROBIAL CELLS
PHYSIOLOGICAL REGULATION OF NEUROPEPTIDE EXPRESSION
MOLECULAR BASIS OF SODIUM CHANNEL DIVERSITY
STRESS AND ENVIRONMENTAL CHEMICAL HAZARDS
RETINAL EXPLANTS FROM THE ADULT
COUPLING MECHANISMS--SITE-SPECIFIC PROTEIN-DNA ASSEMBLY
ASSEMBLY OF A MULTI-SUBUNIT ACETYLCHOLINE RECEPTOR103,792
766,248
117,202
81,422
105,180
117,256
110,143
87,058
149,837

LA JOLLA

SALK INSTITUTE FOR BIOLOGICAL STUDIES
1R01 HL41910-01 RIVIER, JEAN
1R01 NS26723-01 SIMERLY, RICHARD B
1R01 CA48943-01 SUKUMAR, SARASWATI

INSTITUTION TOTAL

3 556,654

NEUROPEPTIDE Y ANALOGS AS HYPOTENSIVE AGENTS
PEPTIDE EXPRESSION IN HYPOTHALAMIC & LIMBIC CIRCUITRY
ROLE OF RAS ONCOGENES IN CHEMICAL CARCINOGENESIS229,129
115,635
211,890

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	AWARDED
CALIFORNIA			
LA JOLLA			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1R01 AG08545-01	DALE, GEORGE L	ERYTHROCYTE SENESENCE	97,932
1R01 NS26945-01	DEL ZOPPO, GREGORY J	MICROVASCULAR OCCLUSIONS--ACUTE FOCAL CEREBRAL ISCHEMIA	282,384
1R29 AI27417-01	FINK, PAMELA J	DEVELOPMENTAL INFLUENCES ON T CELL RECEPTOR EXPRESSION	127,980
1R01 GM37907-01A2	GILULA, NORTON B	GAP JUNCTION EXPRESSION--MOLECULAR & GENETIC ANALYSIS	195,143
1R29 GM41049-01	GOODIN, DAVID B	DETERMINANTS OF FUNCTIONAL DIVERSITY IN HEME ENZYMES	101,774
1R01 HL41619-01	HARKER, LAURENCE A	ENDARTERECTOMY--PREVENTION OF THROMBOSIS AND RESTENOSIS	289,559
1R29 HL41793-01	IAM, STEPHEN C T	NOVEL RGD-BINDING MEMBRANE PROTEIN ON BLOOD PLATELETS	104,634
1R01 GM41353-01	MAYFIELD, STEPHEN P	NUCLEAR GENES REGULATING TRANSLATION OF ORGANELLES MRNAS	150,909
1R29 AI27493-01	NORTHMANN, WOLFGANG J	STRUCTURE & FUNCTION OF THE INTERLEUKIN 6 RECEPTOR	146,578
1R01 GM41281-01	RUSSELL, PAUL R	REGULATION OF MITOSIS IN FISSION YEAST	184,151
1R01 AI27028-01	WHITTON, J LINDSAY	ANALYSES OF CYTOTOXIC T CELL RESPONSE TO VIRUS INFECTION	111,403
INSTITUTION TOTAL	11	1,792,447	
SCRIPPS MEMORIAL HOSPITALS--WHITTIER INSTITUTE FOR DIABETES AND ENDOCRINOLOGY			
1R01 DK39087-01A2	HAYEK, ALBERTO	ISLET TRANSPLANTATION IN EXPERIMENTAL DIABETES	170,208
INSTITUTION TOTAL	1	170,208	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1R01 GM41300-01	ALLEN, JAMES P	CRYSTALLIZATION & CHARACTERIZATION OF MEMBRANE PROTEINS	153,468
1R01 AR38159-01A3	AMIEL, DAVID	EFFECT OF PROTEASES DURING IMMOBILIZATION	130,210
1P41 RR04050-01	ELLISMAN, MARK H	SOUTH-WESTERN REGIONAL IVEM AND IMAGE ANALYSIS RESOURCE	647,928
1R01 GM41249-01	KADONAGA, JAMES T	MECHANISMS OF TRANSCRIPTIONAL REGULATION IN EUKARYOTES	208,508
1R01 EY07845-01	KEYSER, KENT T	CHOLINOCEPTIVE NEURONS IN THE VERTEBRATE RETINA	145,022
1R01 HD25005-01	MAHER, PAMELA A	DEVELOPMENTALLY REGULATED TYROSINE KINASE SUBSTRATES	131,012
1R29 HL41603-01	MC CULLOCH, ANDREW D	REGIONAL MECHANICS OF THE INTACT VENTRICULAR WALL	103,999
1R29 GM41286-01	SCHMIDT, ROBERT J	ROLE OF OPAQUE-2 REGULATING ZEIN EXPRESSION IN MAIZE	85,679
1P01 AG07996-01	SEEGMILLER, J EDWIN	JOINT AGING AND OSTEOARTHRITIS	773,088
1R01 CA46295-01A1	WARD, JOHN F	BIOLOGICALLY SIGNIFICANT DAMAGE IN DNA	154,090
1R01 AR39683-01	WOO, SAVIO L-Y	STRUCTURE AND FUNCTION OF HUMAN ACL	145,482
INSTITUTION TOTAL	11	2,678,486	
CITY TOTAL	26	5,197,795	
LOS ANGELES			
CHILDREN'S HOSPITAL OF LOS ANGELES			
1R01 HD22696-01A1	KEENS, THOMAS G	HYPOXIC AROUSAL REPNSES AND INCREASED RISK FOR SIDS	163,957
1R29 CA47206-01A1	SRIVATSAN, ERI S	PRECISE LOCALIZATION OF A HUMAN TUMOR SUPPRESSOR GENE	102,351
INSTITUTION TOTAL	2	266,308	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R01 NS26801-01	ASARNOW, ROBERT F	NEUROBEHAVIORAL SEQUELAE OF CHILD MILD BRAIN INJURY	261,246
1R01 AG07592-01	BARNARD, ROY J	MECHANISMS OF AGING INDUCED INSULIN RESISTANCE	127,890
1R01 CA49308-01	BRAUN, JONATHAN	IG EXPRESSION IN B-LY1 CELLS	153,098
1R01 HD25251-01	CREWS, STEPHEN T	MOLECULAR BIOLOGY OF NEUROGENESIS	112,069
1R01 DK41936-01	KOEFFLER, PHILLIP H	HIV AND MYELOID HEMATOPOIESIS	65,144
1R01 AI27342-01	MILLER, VIRGINIA L	MOLECULAR BASIS OF EPITHELIAL CELL INVASION BY YERSINIA	133,579
1R29 DK41014-01	STOLZ, ANDREW A	MOLECULAR STUDIES OF A KEY BILE ACID METABOLIZING ENZYME	92,135
1R29 HL41656-01	VANDENBERG, CAROL	PHYSIOLOGY OF CARDIAC ION CHANNELS	110,489
1R13 NS26768-01	WARD, PAUL H	CONFERENCE ON NEUROLOGICAL DISORDERS OF THE LARYNX	25,000
INSTITUTION TOTAL 9			1,080,650
UNIVERSITY OF SOUTHERN CALIFORNIA			
1R01 AG07624-01A1	CHUI, HELENA C	ALZHEIMER'S DISEASE AND CEREBRAL AMYLOID ANGIOPATHY	142,376
1R35 AG07909-01	FINCH, CALEB E	LEADERSHIP AND EXCELLENCE IN ALZHEIMER'S DISEASE	756,783
1R01 DE08678-01	SNEAD, MALCOLM L	DIFFERENTIAL GENE EXPRESSION IN AMELOBLASTOMAS	161,055
1R03 DE08768-01	STANLEY, ROBERT	EVALUATION OF RIGID FIXATION OF MAXILLARY FRACTURES	23,109
INSTITUTION TOTAL 4			1,083,323
CITY TOTAL 15			2,430,281
MENLO PARK			
SRI INTERNATIONAL			
1R29 GM41423-01	JOHNSTON, BRIAN H	DNA STRUCTURE AND RECOMBINATIONAL INTERMEDIATES	171,196
1R01 HL41635-01	WARD, MARCIA M	STABILITY OF AMBULATORY MONITORING IN THE LAB AND FIELD	153,304
INSTITUTION TOTAL 2			324,500
CITY TOTAL 2			324,500
OAKLAND			
KAISER FOUNDATION HOSPITALS			
1R01 HL41830-01	FRIEDMAN, GARY D	GENETIC EPIDEMIOLOGY OF CHD RISK FACTORS IN WOMEN TWINS	258,007
INSTITUTION TOTAL 1			258,007
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
1R01 HL41964-01	VOLLMER, WILLIAM M	ALTERNATIVE MANAGEMENT STRATEGIES FOR ASTHMATIC CHILDREN	231,406
INSTITUTION TOTAL 1			231,406
CITY TOTAL 2			489,413

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
PALO ALTO			
AMERICAN INSTITUTES FOR RESEARCH			
1R01 HL41819-01	WILSON-PESSANO, SANDRA R	WEE WHEEZERS--ASTHMA MANAGEMENT EDUCATION FOR PARENTS	333,987
INSTITUTION TOTAL	1		333,987
CITY TOTAL	1		333,987
RANCHO CORDOVA			
NIMBUS, INC.			
1R01 HL42303-01	BUTLER, KENNETH C	RESEARCH-DEVELOPMENT OF A THERMAL CARDIAC ASSIST SYSTEM	919,470
INSTITUTION TOTAL	1		919,470
CITY TOTAL	1		919,470
RIVERSIDE			
UNIVERSITY OF CALIFORNIA AT RIVERSIDE			
1R01 DK41329-01	QUINTON, PAUL M	IMMORTAL SWEAT GLAND CELLS FOR CYSTIC FIBROSIS RESEARCH	152,964
INSTITUTION TOTAL	1		152,964
CITY TOTAL	1		152,964
SAN DIEGO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY			
1R29 NS26673-01	REILLY, JUDY S	ACQUISITION OF GRAMMATICAL FACIAL EXPRESSION IN ASL	83,762
1R01 GM41032-01	TONG, WILLIAM G	STABLE ISOTOPES AS BIOTRACER BY NOVEL LASER METHODS	95,867
INSTITUTION TOTAL	2		179,629
KAB LABORATORIES, INC.			
1R43 HD25315-01	KONOTCHICK, JOHN A	REMOTE-CONTROLLED COMMUNICATIONS AND CONTROL UNIT	49,887
INSTITUTION TOTAL	1		49,887
STRATAGENE CLONING SYSTEMS			
1R43 GM40240-01A1	MATHUR, ERIC J	CHIMERIC DNA POLYMERASE--CONSTRUCTION & CHARACTERIZATION	50,000
1R01 ES04728-01A1	SHORT, JAY M	MODEL FOR IDENTIFICATION OF GENETIC LESIONS	63,154
INSTITUTION TOTAL	2		113,154
CITY TOTAL	5		342,670

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
ABRARECH CORPORATION			
1R43 NS26209-01A1	SILVERBERG, BARBARA	AUDITORY BRAINSTEM RESPONSE AT HIGH STIMULUS RATES	49,950
INSTITUTION TOTAL	1		49,950
ERNEST GALLO CLINIC AND RESEARCH CENTER			
1R01 NS25537-01A1	GORDON, ADRIENNE S	SECOND MESSENGER EFFECTS AT NICOTINIC SYNAPSES	108,765
INSTITUTION TOTAL	1		108,765
SMITH-KETTLEWELL EYE RESEARCH FOUNDATION			
1R29 NS25969-01A1	SIMON, HELEN	UNIQUE PERCEPTUALLY BALANCED BINAURAL HEARING AID	128,696
INSTITUTION TOTAL	1		128,696
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1R29 AI27406-01	CHAMBERS, HENRY F, III	METHICILLIN RESISTANCE OF STAPHYLOCOCCUS AUREUS	80,375
1R01 GM39900-01A1	COHEN, FRED E	COMPUTER ANALYSIS PREDICTION OF PROTEIN STRUCTURE	146,983
1R29 EY07984-01	CROOK, RICHARD B	GLAUCOMA--CELLULAR EFFECTS OF N-G REGULATORS	79,849
1R01 HL41958-01	DOBBS, LELAND G	ISOLATION, MARKERS, CULTURE OF HUMAN LONG TYPE I CELLS	162,115
1R01 GM37795-01A1	FISHER, DENNIS M	MATURATIONAL CHANGES IN RESPONSE TO IV ANESTHETIC DRUGS	131,158
1R29 AI27461-01	HEINZEL, FREDERICK P	CYTOKINE FUNCTION DURING MURINE LEISHMANIASIS	78,313
1R01 CA48815-01	MAUDSLEY, ANDREW A	SPECTROSCOPIC NMR IMAGING OF PROTON METABOLITES IN VIVO	161,051
1P01 HD24640-01A1	SWEET, RICHARD L	BAY AREA PERINATAL AIDS CENTER	1,188,847
1R01 CA49056-01	WALDMAN, FREDERIC M	FLUORESCENT NUCLEAR ORGANIZATION--IN SITU HYBRIDIZATION	1,160,019
1R01 DK40945-01	WEINER, RICHARD I	ETIOLOGY OF ESTROGEN INDUCED PROLACTIN TUMORS	214,758
INSTITUTION TOTAL	10		2,403,468
UNIVERSITY OF THE PACIFIC			
1R03 DE08733-01A1	SNOWDOWNE, KENNETH W	AEQUORIN MEASUREMENT OF CYTOSOLIC CA IN PAROTID CELLS	19,156
INSTITUTION TOTAL	1		19,156
CITY TOTAL	14		2,710,035
STANFORD			
STANFORD UNIVERSITY			
1R01 GM42938-01	MC KAY, DAVID B	INTERLEUKIN-2 AND ALPHA INTERFERON STRUCTURAL STUDIES	138,388
1R01 GM40972-01	ROSS, JOHN	THERMODYNAMIC EFFICIENCY OF BIOLOGICAL PUMPS	93,995
1R01 AI27722-01	STOCKER, BRUCE A	SALMONELLA-HIV CHIMERA AS VACCINE	185,325
1R01 LM04836-01	WIEDERHOLD, GIO C	FACS-PENGUIN--EXPERT WORSTATION FOR FLOW CYTOMETRY	406,614
1R01 GM41296-01	YANOFSKY, CHARLES	MECHANISMS OF GENE REGULATION IN NEUROSPORA	185,748
INSTITUTION TOTAL	5		1,010,070

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	5	1,010,070	
CALIFORNIA			
THOUSAND OAKS			
AMERICAN SOCIETY OF ZOOLOGISTS			
1R13 HD24873-01	STOCUM, DAVID L	CELLULAR AND MOLECULAR BIOLOGY OF PATTERN FORMATION	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	89	16,444,515	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO		AT BOULDER	
1R01 GM41332-01	HYNES, JAMES T	THEORY OF PROTON AND HYDRIDE TRANSFER REACTION RATES	108,867
INSTITUTION TOTAL	1	108,867	
CITY TOTAL	1	108,867	
DENVER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO		HEALTH SCIENCES CENTER	
1R01 HL41624-01	DAVIS, ROGER A	MOLECULAR MECHANISMS OF VLDL ASSEMBLY	206,055
1R01 GM41026-01	FITZPATRICK, FRANK A	BIOCHEMICAL PHARMACOLOGY OF EPOXYGENASE EICOSANOIDS	118,368
1R01 HL41661-01	HORWITZ, LAWRENCE D	REPERFUSION INJURY TO CORONARY ENDOTHELIUM	123,553
1R01 NS26657-01	LEAR, JAMES LOUIS	AUTORADIOGRAPHIC IMAGING OF CEREBRAL FUNCTIONS	186,912
1P50 HL40784-01	REPINE, JOHN E	SCOR IN ADULT RESPIRATORY FAILURE	609,432
1R01 NS26851-01	ZAHNISER, NANCY R	RELEASE-MODULATING D-2 DOPAMINE RECEPTORS IN STRIATUM	83,242
INSTITUTION TOTAL	6	1,327,562	
CITY TOTAL	6	1,327,562	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1R01 NS26819-01	KATER, STANLEY B	ARCHITECTURE OF HIPPOCAMPAL PYRAMIDAL NEURONS	156,782
1R01 GM39503-01A1	RASH, JOHN E	TOXIN RECEPTOR SITE ON THE SODIUM CHANNEL	173,179
INSTITUTION TOTAL	2	329,961	
CITY TOTAL	2	329,961	
STATE TOTAL	9	1,766,390	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CONNECTICUT

BRANFORD

ANALYTICA OF BRANFORD, INC.

1R43 GM41565-01 MENG, CHIN-KAI

1R43 GM40836-01 WHITEHOUSE, CRAIG M

1R43 GM41533-01 WHITEHOUSE, CRAIG M

INSTITUTION TOTAL 3 150,000

CITY TOTAL 3 150,000

ELECTROSPRAY ION SOURCE FOR QUADRUPOLE MASS FILTERS
ELECTROSPRAY IONIZATION SOURCE--ION MOBILITY ANALYSIS
MOVING BELT ION TRANSPORT FOR MASS SPECTROMETRY

50,000
50,000
50,000

FARMINGTON

UNIVERSITY OF CONNECTICUT HEALTH CENTER

1R01 NS26818-01 MC INTOSH, TRACY K

INSTITUTION TOTAL 1 86,549

CITY TOTAL 1 86,549

ROLE OF MAGNESIUM IN THE PATHOPHYSIOLOGY OF BRAIN INJURY

86,549

NEW CANAAN

SOCIETAL INSTITUTE OF THE MATHEMATICAL SCIENCES

1R13 CA49640-01 THOMSEN, DONALD L, JR

INSTITUTION TOTAL 1 4,000

CITY TOTAL 1 4,000

SIMS CONFERENCE--SCIENTIFIC ISSUES-QUANTITATIVE CANCER

4,000

NEW HAVEN

YALE UNIVERSITY

1R29 NS27728-01 BERG, ANNE T

1R01 EY07523-01A1 CLACK, JAMES W

1R01 GM40974-01 CRABTREE, ROBERT H

1R01 AI26810-01 JANEWAY, CHARLES A, JR

1R01 CA49238-01 LEROWITZ, PAUL

1R01 NS26068-01A1 LERANTH, CSABA

1R29 HL38916-01A1 PEREZ FONTAN, J J

1R01 AI27382-01 RAINEY, PETRIE M

1R01 DK40703-01 REEDERS, STEPHEN T

1R01 DK40914-01 REUBEN, ADRIAN

1R01 DK40936-01 SHULMAN, GERALD I

1R01 GM41412-01 SMITH, STEVEN O

1R29 EY07961-01 SWAROOP, ANAND

1R01 GM40115-01A1 WARD, DÁVID C

INSTITUTION TOTAL 14 2,245,007

CITY TOTAL 14 2,245,007

RISK FACTORS FOR FIRST AND RECURRENT FEBRILE CONVULSIONS
OPSN CGMP-ACTIVATED SINGLE CHANNEL ACTIVITY
BIOINORGANIC CHEMISTRY OF NICKEL
LIGANDS AND ACCESSORY FACTORS IN CD4+ T CELL PRIMING
BCR-ABL AND RAS IN CML EVOLUTION, PHENOTYPE, PROGNOSIS
SYNAPTOLOGY OF THE SEPTO-HIPPOCAMPAL CHOLINERGIC SYSTEM
MECHANICAL INTERDEPENDENCE IN THE DEVELOPING LUNG
MECHANISMS OF ANTILEISHMANIAL DRUGS
MOLECULAR PATHOLOGY OF ADULT POLYCYSTIC DISEASE
INTRAHEPATIC BILE ACID TRANSPORT IN VITRO AND IN VIVO
IN VIVO NMR STUDIES OF CARBOHYDRATE METABOLISM
SOLID-STATE NMR OF MEMBRANE PROTEINS AND COENZYMES
X-LINKED OCULAR ALBINISM & RETINITIS PIGMENTOSA
CHROMOSOME DOMAINS IN INTERPHASE CELLS

104,450
173,413
112,911
153,055
223,684
165,109
95,927
156,126
202,489
138,191
194,111
117,304
104,478
303,754

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
STORRS			
UNIVERSITY OF CONNECTICUT STORRS			
1R29 CA48972-01	MANGOLD, BONNIE L K	SULFOTRANSFERASE INACTIVATION BY CARCINOGENS	89,564
INSTITUTION TOTAL	1		89,564
CITY TOTAL	1		89,564
WALLINGFORD			
JENERIC INDUSTRIES, INC.			
1R43 DE08621-01	PRASAD, ARUN	OPTIMIZATION OF A PROPRIETARY GLASS-CERAMIC SYSTEM	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
STATE TOTAL	21		2,625,120
DIST OF COL			
WASHINGTON			
AMERICAN NATIONAL RED CROSS			
1R01 AI27168-01	TENNER, ANDREA J	INTERACTIONS OF C1Q WITH PHAGOCYtic CELLS	132,961
INSTITUTION TOTAL	1		132,961
CATHOLIC UNIVERSITY OF AMERICA			
1R01 CA48641-01	GREENE, JAMES J	ANTIPROLIFERATIVE GENES IN THE REGULATION OF CELL GROWTH	80,302
1R01 NR02068-01	O'BRIEN, MARY E	COPING RESPONSE IN HIV INFECTION--PANEL ANALYSIS	127,068
1R01 GM41460-01	TOZEREN, AYDIN	MICRO-MECHANICS OF CELL ADHESION	42,764
INSTITUTION TOTAL	3		250,134
GEORGETOWN UNIVERSITY			
1R01 DE08178-01A2	COLE, MICHAEL F	SALIVARY IMMUNE RESPONSE TO COMMENSAL ORAL BACTERIA	139,804
1R29 CA48716-01	JORGENSEN, TIMOTHY J	BIOCHEMISTRY OF RADIATION-INDUCED DNA STRAND BREAKS	105,189
1R01 NS26605-01	PINCUS, JONATHAN H	DIETARY PROTEIN & RESPONSE TO 1-DOPA IN PARKINSON'S	171,980
1R01 AI26153-01A1	TAYLOR, DIANE WALLACE	RODENT MALARIAL ANTIGEN--PY117	127,687
1R01 HL41565-01	UNDERHILL, CHARLES B	ROLE OF HYALURANOTE RECEPTORS IN LUNG PHYSIOLOGY	130,478
INSTITUTION TOTAL	5		675,138
SMITHSONIAN INSTITUTION			
1R01 HD23853-01A1	WILDT, DAVID E	GAMETE INTERACTION AND IN VITRO FERTILIZATION	90,725
INSTITUTION TOTAL	1		90,725
CITY TOTAL	10		1,148,958

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	10	1,148,958	
FLORIDA			
CORAL GABLES			
UNIVERSITY OF MIAMI			
1R01 GM37985-01A2	GAWLEY, ROBERT E	ASYMMETRIC SYNTHESIS OF BIOLOGICALLY IMPORTANT ALKALOIDS	126,644
INSTITUTION TOTAL	1	126,644	
CITY TOTAL	1	126,644	
GAINESVILLE			
NANOPTICS, INC.			
1R43 NS26978-01	BAMFORD, GARY J	PROTON MICROPROBE FOR TRACE ELEMENT ANALYSIS IN TISSUE	50,000
INSTITUTION TOTAL	1	50,000	
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1R29 GM41330-01	BAKER, HENRY V, II	MOLECULAR BIOLOGY OF GLYCOLYTIC GENE EXPRESSION	86,766
1R01 HL37596-01A2	DAVENPORT, PAUL W	RESPIRATORY AFFERENT PROJECTIONS TO THE CEREBRAL CORTEX	146,156
1R01 GM40061-01A1	FERL, ROBERT J	TRANS-ACTING FACTORS REGULATING ADH GENE EXPRESSION	145,470
1R01 DE08659-01	KING, GREGORY J	BONE TURNOVER STUDIES IN ORTHODONTIC TOOTH MOVEMENT	79,989
1R29 NS26600-01	RICHARDS, VIRGINIA M	ENVELOPE SYNCHRONY PERCEPTION	86,662
1R01 AI26339-01A1	SCHREIER, HANS	M. AVIUM DISEASE--INHALED LIPOSOME ANTI-TB DRUG THERAPY	117,390
1R01 GM39578-01A1	WAKELAND, EDWARD K	SELECTIVE MECHANISMS MAINTAINING H-2 POLYMORPHISM	126,702
INSTITUTION TOTAL	7	789,135	
CITY TOTAL	8	839,135	
MIAMI			
UNIVERSITY OF MIAMI			
1R01 HL41610-01	MASSARO, DONALD J	REGULATION OF THE GAS EXCHANGE SURFACE IN THE LUNG	112,505
INSTITUTION TOTAL	1	112,505	
CITY TOTAL	1	112,505	
STATE TOTAL	10	1,078,284	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1R29 DK41869-01	HOENIG, MARGARETHE E	ROLE OF PLASMA MEMBRANE IN STIMULUS-SECRETION COUPLING	91,453

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RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA	UNIVERSITY OF GEORGIA		
1R01 GM41482-01	LE GALL, JEAN	SYNTHESIS OF NOVEL IRON & MIXED METAL-SULFUR CLUSTERS	155,458
INSTITUTION TOTAL	2		
CITY TOTAL	2		
			246,911
			246,911
ATLANTA			
EMORY UNIVERSITY			
1R01 HL42052-01	GARCIA, ERNEST V	UNIFIED APPROACH TO QUANTIFY & VISUALIZE CARDIAC IMAGERY	194,317
1R01 DK39329-01A1	HARGROVE, JAMES L	SELECTIVE DEGRADATION OF TYROSINE AMINOTRANSFERASE	125,703
1R01 DK41571-01	HENDERSON, JOHN M	METHODS OF HEMODYNAMIC STUDY AND REGULATION IN CIRRHOSIS	139,076
1R01 AR39632-01	LAWLEY, THOMAS J	HUMAN DERMAL ENDOTHELIAL CELLS IN SKIN DISEASE	193,058
1R01 HD24960-01	PARKS, JOHN S	PLACENTAL GROWTH HORMONE AXIS AND HUMAN FETAL GROWTH	133,298
INSTITUTION TOTAL	5		
			785,452
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
1R01 NS24602-01A2	KENNEDY, PHILIP R	STRUCTURE AND CONNECTIONS OF RED NUCLEUS	102,408
INSTITUTION TOTAL	1		
CITY TOTAL	6		
			102,408
			887,860
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
1R29 HL41781-01	TREIBER, FRANK A	ANTECEDENTS OF HYPERTENSION--ROLE OF RACE AND STRESS	87,033
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			87,033
STATE TOTAL	9		
			1,221,804
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII			
1R01 HD24314-01A1	SYSTEM--UNIVERSITY OF HAWAII AT MANOA	HUMAN DECIDUA AND FETAL MEMBRANES AS A PARACRINE SYSTEM	91,025
	BRYANT-GREENWOOD, GILLIAN D		
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			91,025
STATE TOTAL	1		
			91,025

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IDAHO			
POCATELLO			
IDAHO STATE UNIVERSITY			
1R01 AG08552-01	DANIELS, CHRISTOPHER K	REGULATION OF MUCOSAL IMMUNOCOMPETENCE IN THE AGING RAT	88,486
INSTITUTION TOTAL	1		88,486
CITY TOTAL	1		88,486
STATE TOTAL	1		88,486
ILLINOIS			
CHAMPAIGN			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1R01 AG08513-01	BOILEAU, RICHARD A	FAT AND FAT-FREE BODY COMPOSITION DEVELOPMENT IN AGING	117,474
1R01 HD25271-01	DELOACHÉ, JUDY S	REPRESENTATIONAL FUNCTIONING IN YOUNG CHILDREN	100,913
1R29 HD24637-01	FAHRBACH, SUSAN E	MECHANISMS OF NEURONAL DEATH IN MANDUCA SEXTA	96,220
INSTITUTION TOTAL	3		314,607
CITY TOTAL	3		314,607
CHICAGO			
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
1R01 CA49150-01	SCHILSKY, RICHARD L	CELLULAR PHARMACOLOGY OF THE STEREOISOMERS OF LEUCOVORIN	151,575
INSTITUTION TOTAL	1		151,575
NORTHWESTERN UNIVERSITY			
1R01 GM39548-01A1	FUKUI, YOSHIO	CELL BIOLOGICAL STUDIES OF DISCTYOSTELIUM CYTOSKELETON	160,374
1R29 NS26915-01	HOCKBÉRGER, PHILIP E	CYCLIC NUCLEOTIDE ACTIONS IN CULTURED RAT PURKINJE CELLS	82,965
1R01 GM41347-01	KOWALCZYKOWSKI, STEPHEN C	BIOCHEMICAL MECHANISM AND FUNCTION OF DNA HELICASES	187,994
1R01 NS26157-01A1	MC KENNA, KEVIN E	SPINAL ORGANIZATION OF FUNCTION	106,390
1R01 HL40336-01A1	MCCRIMMON, DONALD R	PULMONARY AFFERENT PROCESSING IN VENTILATORY CONTROL	116,254
1R01 CA47549-01A1	WEITZMAN, SIGMUND A	OXYGEN RADICAL-INDUCED MALIGNANT TRANSFORMATION	63,465
INSTITUTION TOTAL	6		717,442
UNIVERSITY OF CHICAGO			
1R01 DK40922-01	CHANG, EUGENE B	ROLE OF BASEMENT MEMBRANE IN DIABETIC GUT ADAPTATION	183,076
1R01 DE08693-01	CHEN, MEEI-SHIA	ANALYTICAL AND THEORETICAL STUDY OF ORAL HEALTH	48,600
1R01 CA49133-01	DIAZ, MANUEL O	INTERFERON GENE DELETIONS IN HUMAN LEUKEMIA CELL LINES	130,357
1R13 HL41622-01	SCANU, ANGELO M	LP-A--25 YEARS OF PROGRESS	14,000
1R01 CA49181-01	SHADLEY, JEFFREY D	STUDY OF INDUCIBLE REPAIR RESPONSE IN HUMAN LYMPHOCYTES	136,818
1R29 NS26055-01A1	SMALHEISER, NEIL R	MOLECULAR/CELLULAR ACTION OF CRANIN IN NEURAL CELLS	111,012

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO UNIVERSITY OF CHICAGO 1R01 GM41400-01	VILLEREAL, MITCHEL L	CELL PHYSIOLOGY OF THE BRADYKININ RECEPTOR	130,165
INSTITUTION TOTAL	7		
UNIVERSITY OF ILLINOIS AT CHICAGO 1R29 HD25345-01 1R01 HD25109-01 1R29 NR02203-01	ACKLES, PATRICK K KUEHN, MICHAEL R SCHWERTZ, DORIE W	INFORMATION PROCESSING & LONG-LATENCY ERPS IN INFANTS DEVELOPMENTAL INSERTIONAL MUTANTS IN TRANSGENIC MICE PHOSPHOINOSITIDE METABOLISM IN EARLY MYOCARDIAL ISCHEMIA	100,751 161,867 107,496
INSTITUTION TOTAL	3		
CITY TOTAL	17		
EVANSTON NORTHWESTERN UNIVERSITY 1R01 GM40949-01 1R03 DE08893-01	BARRETT, ANTHONY G FARBMAN, ALBERT I	REDOX GLYCOSIDATION LINGUAL VON EBNER GLANDS AND TASTE	146,632 22,650
INSTITUTION TOTAL	2		
CITY TOTAL	2		
LINCOLNSHIRE BIO-IMAGING RESEARCH, INC. 1R43 CA49319-01	NIKOONAHAD, MEHRDAD	NONLINEAR REFLECTION ULTRASOUND TISSUE CLASSIFICATION	49,868
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	23		
INDIANA BLOOMINGTON INDIANA UNIVERSITY AT BLOOMINGTON 1R29 GM40941-01 1R01 NS26106-01A1	BAUER, CARL E FARLEY, JOSEPH	REGULATION OF PROCARYOTIC GENE EXPRESSION BY MOLECULAR CELLULAR ANALYSIS OF LEARNING	67,263 121,147
INSTITUTION TOTAL	2		
CITY TOTAL	2		

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1R01 HL42674-01	HOFFMAN, RONALD	MECHANISM OF HEMATOPOIETIC SUPPRESSION IN HIV-1 INFECTION	214,201
1R01 CA45279-01A2	HOFFMAN, RONALD	PURIFICATION OF PRIMITIVE HEMATOPOIETIC PROGENITOR CELLS	112,348
INSTITUTION TOTAL	2		
CITY TOTAL	2		
WEST LAFAYETTE			
PURDUE UNIVERSITY WEST LAFAYETTE			
1R01 NS27694-01	JAAGER, CHRISTINE B	ENCAPSULATED DOPAMINERGIC TUMOR CELLS AS BRAIN IMPLANTS	223,261
1R01 GM40983-01	LOW, PHILIP S	RED CELL TYROSINE KINASES AND REGULATION OF METABOLISM	134,686
1R29 ES04869-01	PERDEW, GARY H	BIOCHEMICAL CHARACTERIZATION OF THE AH RECEPTOR	101,537
1R01 NS26632-01	POWLEY, TERRY L	NEURAL ORGANIZATION OF VAGAL ALIMENTARY REFLEXES	100,537
1R01 NS26856-01	SMITH, ANNE	PHYSIOLOGICAL CORRELATES OF STUTTERING	182,290
INSTITUTION TOTAL	5		
CITY TOTAL	5		
STATE TOTAL	9		
IOWA			
AMES			
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY			
1R01 HD24990-01	HAMILTON, RICHARD T	GROWTH FACTORS AND CATHEPSIN L IN PLACENTAL DEVELOPMENT	134,207
1R01 NS26650-01	HAYDON, PHILIP G	CALCIUM CHANNELS & G-PROTEINS IN SYNAPTIC TRANSMISSION	139,485
INSTITUTION TOTAL	2		
CITY TOTAL	2		
IOWA CITY			
UNIVERSITY OF IOWA			
1R01 CA49228-01	LYNCH, RICHARD G	TUMOR IMMUNOLOGY OF T CELL IGE FC RECEPTORS	173,264
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS LAWRENCE			
1R01 GM39820-01A1	ENGLER, THOMAS A	SYNTHESIS OF BIOLOGICALLY IMPORTANT DIHYDROBENZOFURANS	59,171

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

KANSAS

LAWRENCE

UNIVERSITY OF KANSAS
1R29 GM40071-01A1
1R13 CA49398-01

LAWRENCE
JOHNSON,
SHANKEL, M

CAREY K
DELBERT M

PROTEIN DYNAMICS IN BACTERIORHODOPSIN & RHODOPSIN
INTNL CONF--MECHANISMS OF ANTIMUTAGENESIS/ANTICARCINOGE

84,775
5,000

INSTITUTION TOTAL 3 148,946
CITY TOTAL 3 148,946

STATE TOTAL 3 148,946

KENTUCKY

LEXINGTON

UNIVERSITY OF KENTUCKY

1R29 HL41954-01
1R01 GM41302-01
1R01 AG07547-01A1

CASSIS, LISA A
DICKSON, ROBERT C
PERETZ, BERTRAM

ADIPOSE ANGIOTENSINOGEN-ANGIOTENSIN SYSTEM
MOLECULAR GENETIC ANALYSIS OF YEAST SPHINGOLIPIDS
NEURON VIABILITY IN THE ADULT NERVOUS SYSTEM

107,260
125,881
102,176

INSTITUTION TOTAL 3 335,317
CITY TOTAL 3 335,317

LOUISVILLE

UNIVERSITY OF LOUISVILLE

1R01 EY07975-01 BORCHMAN, DOUGLAS

SPECTROSCOPIC AND RELATED STUDIES ON LENS MEMBRANE LIPID

92,729

INSTITUTION TOTAL 1 92,729
CITY TOTAL 1 92,729

STATE TOTAL 4 428,046

LOUISIANA

BATON ROUGE

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE
1R01 AI27107-01 BELAS, MICHAEL R, JR

REGULATION OF PROTEUS DIFFERENTIATION

114,339

INSTITUTION TOTAL 1 114,339
CITY TOTAL 1 114,339

NEW ORLEANS

LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS
1R01 HL42082-01 NEWMAN, WILLIAM P, III

ATHEROSCLEROSIS & W-3 FATTY ACIDS IN ALASKAN NATIVES

194,040

INSTITUTION TOTAL 1 194,040

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	194,040	
LOUISIANA			
SHREVEPORT			
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT			
1R01 DK41279-01	GLASS, JONATHAN	MOLECULAR MECHANISMS OF INTESTINAL IRON TRANSPORT	160,564
INSTITUTION TOTAL	1	160,564	
CITY TOTAL	1	160,564	
STATE TOTAL	3	468,943	
MAINE			
ORONO			
UNIVERSITY OF MAINE			
1R01 NS26412-01	DOWSE, HAROLD B	GENETICS OF CIRCADIAN AND ULTRADIAN OSCILLATORS	97,090
INSTITUTION TOTAL	1	97,090	
CITY TOTAL	1	97,090	
STATE TOTAL	1	97,090	
MARYLAND			
ADELPHI			
UNIVERSITY OF MARYLAND SYSTEM			
1R01 GM41034-01	MOULT, JOHN	COMPUTER ALGORITHM FOR MODELING PROTEIN STRUCTURE	88,875
INSTITUTION TOTAL	1	88,875	
CITY TOTAL	1	88,875	
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1R01 HL41594-01	BAUMGARTNER, WILLIAM A	METABOLIC ANALYSIS OF REJECTION IN HEART TRANSPLANTATION	203,426
1R01 CA48746-01	BEEEMON, KAREN L	RETROVIRAL REGULATORY SEQUENCES WITHIN CODING SEQUENCES	173,516
1R01 HL41972-01	BREITWIESER, GERDA E	G PROTEIN-MEDIATED K+ CHANNEL ACTIVATION IN HEART	174,613
1R29 GM39756-01A1	BUCHMAN, TIMOTHY G	TRAUMATIC SHOCK--RELATED CHANGES IN GENE EXPRESSION	98,201
1R29 HL39719-01A1	FELDMAN, ARTHUR M	REGULATION OF G PROTEINS IN HEART FAILURE	101,705
1R01 GM41223-01	MICHAELIS, SUSAN D	BIOGENESIS AND FUNCTION OF YEAST A-FACTOR	135,564
1R29 EY07828-01	NATHANS, JEREMY H	MOLECULAR BIOLOGY OF VISUAL PIGMENTS	50,863
1R01 NS26616-01	PESTRONK, ALAN	ANTIGANGLIOSIDE ANTIBODIES IN MOTOR NEURON DISORDERS	102,806
1R35 AG07914-01	PRICE, DONALD L	MOLECULAR NEUROPATHOLOGY OF AGING AND DEMENTIA	782,874

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1R01 HL42050-01	STERN, MICHAEL D	EXCITATION-CONTRACTION COUPLING IN ANOXIC MYOCYTES	214,828
1R29 EY07839-01	TURANO, KATHLEEN A	VISUAL PERCEPTION & ORIENTATION/MOBILITY IN LOW VISION	91,238
1R29 DK41178-01	YEO, CHARLES J	NEURAL & 2ND MESSENGER CONTROL OF INTESTINAL TRANSPORT	93,801
INSTITUTION TOTAL	12	2,223,435	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND			
1R01 NS25743-01A1	EL-FAKAHANY, ESAM E	BALTIMORE PROFESSIONAL SCHOOL	102,531
1R01 AG06322-01A1	MAGAZINER, JAY	MODULATION OF MUSCARINIC RESPONSES BY INOSITOL LIPIDS	184,049
1R29 NS26885-01	RANDALL, WILLIAM R	EPIDEMIOLOGY--DETERMINANTS OF RECOVERY FROM HIP FRACTURE	90,322
INSTITUTION TOTAL	3	376,902	
CITY TOTAL	15	2,600,337	
BELTSVILLE			
ADA DIGITAL SYSTEMS, INC.			
1R43 GM40503-01A1	HU, FUPEI	CAMREAD--HIGH SPEED OPTICAL RECOGNITION SYSTEM	49,938
INSTITUTION TOTAL	1	49,938	
CITY TOTAL	1	49,938	
BETHESDA			
AMERICAN SOCIETY FOR CELL BIOLOGY			
1R13 GM41434-01	MURPHY, DOUGLAS B	PROGRAM FOR US/SOVIET PARTICIPATION IN CELL BIOLOGY	2,000
INSTITUTION TOTAL	1	2,000	
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY			
1R13 HL41846-01	STAMLER, JEREMIAH	SECOND INTERNATIONAL CONFERENCE ON PREVENTIVE CARDIOLOGY	90,000
INSTITUTION TOTAL	1	90,000	
HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE			
1R01 NS26658-01	CARPENTER, MALCOLM B	IMMUNOCYTOCHEMISTRY OF VESTIBULAR NUCLEI	49,980
1R01 NS26641-01	CHUNG, SU YUN	EXPRESSION OF HOMEBOX-CONTAINING GENES IN SPINAL CORD	130,056
1R29 CA48667-01	FEUERSTEIN, NILI H	NUCLEAR PROTEINS AND REGULATION OF LYMPHOCYTE GROWTH	85,259
1R29 AI26150-01A1	KATONA, ILDY M	REGULATION OF IN VIVO IGE RESPONSES	90,023
1R01 AI24656-01A2	MAURELLI, ANTHONY T	TEMPERATURE REGULATION OF SHIGELLA VIRULENCE GENES	89,809
INSTITUTION TOTAL	5	445,127	
CITY TOTAL	7	537,127	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND		COLLEGE PARK CAMPUS	
1R01 GM41005-01	CHAO, LIN	EVOLUTION OF SEX & GENE COADAPTATION IN THE RNA PHASE 6	90,897
1R01 AI27175-01	HERZBERG, OSNAT	CRYSTALLOGRAPHIC STUDIES OF B-LACTAMASE	118,168
1R01 AG08060-01	PLUDE, DANA JEFFREY	AGING, FEATURE INTEGRATION, & VISUAL SELECTIVE ATTENTION	54,532
INSTITUTION TOTAL	3		
CITY TOTAL	3		263,597
ROCKVILLE			
AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH--BIOMEDICAL RESEARCH, INC.			
1R29 AI27332-01	LAL, ALTAF A	CS PROTEIN T-EPITOPE POLYMORPHISM--MALARIA VACCINE	113,394
INSTITUTION TOTAL	1		
CITY TOTAL	1		113,394
SILVER SPRING			
SHORR PRODUCTIONS			
1R43 HD24414-01A1	SHORR, IRWIN J	PORTABLE CHILD HEIGHT MEASURING BOARD	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		50,000
STATE TOTAL	29		3,703,268
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1R01 NS26606-01	WESTHEAD, EDWARD W	MODULATION OF SECRETION IN CHROMAFFIN CELLS	215,211
INSTITUTION TOTAL	1		
CITY TOTAL	1		215,211
BOSTON			
BETH ISRAEL HOSPITAL			
1R01 HL41587-01	GERARD-STIMLER, NORMA P	CELLULAR AND MOLECULAR BIOLOGY OF NEUROKININS IN LUNG	149,638
1R01 HL42172-01	GOLDBERGER, ARY L	NONLINEAR AND FRACTAL MECHANISMS OF NEURAL CONTROL	115,511
1R01 CA49152-01	NEEL, BENJMIN	MOLECULAR ANALYSIS OF SUPPRESSION OF TRANSFORMATION	172,806
1R01 AG07225-01A1	WEI, JEANNE Y	ORTHOSTATIC HYPOTENSION IN OLDER PERSONS	94,788
INSTITUTION TOTAL	4		
			532,743

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MASSACHUSETTS BOSTON BOSTON BIOMEDICAL RESEARCH INSTITUTE 1R01 CA49254-01 1R01 GM41243-01	RASO, VICTOR A VOLLOCH, VLADIMIR Z	MODEL TO TEST THE THERAPEUTIC VALUE OF TOXIN CONJUGATES ANTISENSE INTRON RNA AS MODULATOR OF GENE EXPRESSION	130,367 176,373
INSTITUTION TOTAL	2	306,740	
BOSTON UNIVERSITY 1R29 GM41365-01 1R01 AG08122-01	KUKURUZINSKA, MARIA A WOLF, PHILIP A	N-GLYCOSYLATION AND CONTROLS OF ALG7 EXPRESSION EPIDEMIOLOGY OF DEMENTIA IN THE FRAMINGHAM COHORT	93,430 167,842
INSTITUTION TOTAL	2	261,272	
BRIGHAM AND WOMEN'S HOSPITAL 1R29 DK39512-01A1 1R29 NS25688-01A1 1R29 CA49047-01 1R01 HL40454-01A1	CRAWFORD, JAMES M KRARUP, CHRISTIAN STRAIR, ROGER K VAN MARTER, LINDA J	HEPATOCELLULAR MECHANISMS OF BILE FORMATION IMPLANTED ELECTRODE-ARRAYS QUANTIFY NERVE REGENERATION ISOLATION OF A HUMAN E1A-LIKE FACTOR ANTECEDENTS OF BRONCHOPULMONARY DYSPLASIA	102,917 78,079 107,822 144,184
INSTITUTION TOTAL	4	433,002	
CHILDREN'S HOSPITAL 1R29 NS26865-01 1R01 HD25114-01 1R01 HL41786-01	APPLEGATE, CRAIG D BELLINGER, DAVID C NEWBURGER, JANE W	SEIZURE SUSCEPTIBILITY--NEUROGENETIC ANALYSIS ENVIRONMENTAL LEAD AND CHILDREN'S PSYCHOLOGIC FUNCTION INFANT HEART SURGERY--CNS SEQUELAE OF CIRCULATORY ARREST	88,680 95,673 587,741
INSTITUTION TOTAL	3	772,094	
DANA-FARBER CANCER INSTITUTE 1R01 AI27431-01 1R29 CA48675-01 1R01 CA47722-01A1	DE LUCA, NEAL A ROLLINS, BARRETT J SPRIGGS, DAVID R	STRUCTURE AND MECHANISM OF ACTION OF HSV-1 ICP4 FUNCTIONAL ANALYSIS OF A PDGF-INDUCIBLE CYTOKINE MOLECULAR MECHANISMS OF TUMOR NECROSIS FACTOR	144,934 115,857 93,417
INSTITUTION TOTAL	3	354,208	
FORSYTH DENTAL CENTER 1R01 DE08706-01	DENBESTEN, PAMELA K	PROTEINASES IN DEVELOPING ENAMEL MATRIX	81,233
INSTITUTION TOTAL	1	81,233	
HARVARD UNIVERSITY 1R01 AI27747-01 1R01 GM40993-01 1R29 CA49017-01	LETVIN, NORMAN L LIN, EDMUND C MACKLIS, ROGER M	EXPERIMENTAL MODELS FOR GI DISEASE IN HIV INFECTION GLOBAL REGULATION OF AEROBIC METABOLISM IN BACTERIA ANIMAL MODELS IN IMMUNOCHELATE RADIOTHERAPY	170,863 190,185 116,034

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
1R01 EY07883-01	SUGRUE, STEPHEN P	EPITHELIAL MATRIX INTERACTIONS IN THE CORNEA	193,698
1R01 EY07980-01	TOOTELL, ROGER B	FUNCTIONAL ANATOMY OF PRIMATE EXTRASTRIATE VISUAL CORTEX	133,695
INSTITUTION TOTAL	5		804,475
MASSACHUSETTS GENERAL HOSPITAL			
1P01 CA48729-01	BRADY, THOMAS J	BIOMEDICAL IMPLICATIONS OF MAGNETIC SUSCEPTIBILITY	509,680
1R29 AI27329-01	CALDERWOOD, STEPHEN B	GENETIC AND BIOCHEMICAL ANALYSES OF SHIGA-LIKE TOXINS	101,965
1R01 NS26799-01	HAUSER, STEPHEN L	GENE LINKAGE STUDY OF MULTIPLE SCLEROSIS SIBLING PAIRS	145,503
1R29 DK40918-01	KANOF, MARJORIE E	REGULATION OF MUCOSAL IMMUNE SYSTEMS IN CROHN'S DISEASE	85,014
1R01 NS26782-01	MOSKOWITZ, MICHAEL A	OPIOID PEPTIDE GENE EXPRESSION IN NUCLEUS CAUDALIS	179,663
1R01 AI28386-01	PIKE, MARILYN C	LEUKOCYTE ACTIVATION--INFLUENCE OF THE CYTOSKELETON	125,310
1R01 NS26773-01	SOBEL, RAYMOND A	MECHANISMS OF CELLULAR IMMUNE REACTIONS IN THE CNS	145,378
INSTITUTION TOTAL	7		1,292,513
NEW ENGLAND DEACONESS HOSPITAL			
1R01 DK40252-01A1	BISTRIAN, BRUCE R	STRUCTURED LIPIDS IN CATABOLIC STATES	221,884
1R01 DK41128-01	BISTRIAN, BRUCE R	WASTING IN AIDS--ROLE OF MONOKINES	123,661
INSTITUTION TOTAL	2		345,545
TUFTS UNIVERSITY			
1R01 HD25225-01	PAPAIOANNOU, VIRGINIA E	ROLE OF TROPHECTODERM SUBPOPULATIONS IN IMPLANTATION	158,152
1R29 HD23896-01A1	RIDER, VIRGINIA C	PROGESTERONE REGULATION OF GENE EXPRESSION	104,414
INSTITUTION TOTAL	2		262,566
UNIVERSITY HOSPITAL			
1R01 HL40076-01A1	FRIEDMAN, ROBERT H	ELDERLY BLOOD PRESSURE CONTROL--PHONE-LINKED COMPUTERS	347,317
1R01 DK41016-01	MELBY, JAMES C	IMMUNE-ADRENAL AXIS IN AIDS	219,036
INSTITUTION TOTAL	2		566,353
CITY TOTAL	37		6,012,744
CAMBRIDGE			
CAMBRIDGE NEUROSCIENCE RESEARCH			
1R43 GM41547-01	KOBAYASHI, KAZUMI	NOVEL GLUTAMATE RECEPTOR ANTAGONISTS FROM SPIDER VENOMS	50,000
INSTITUTION TOTAL	1		50,000

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
1R01 GM41080-01	BOGORAD, LAWRENCE	INTEGRATION OF ORGANELLE AND NUCLEAR GENE EXPRESSION	151,629
1R01 GM41304-01	GREEN, MICHAEL R	MRNA NUCLEAR EXPORT	137,941
INSTITUTION TOTAL	2		289,570
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1R01 AG08117-01	CORKIN, SUZANNE H	EFFECTS OF AD ON BASIC AND HIGH-ORDER SENSORY CAPACITIES	225,573
1R29 NS26926-01	ETCOFF, NANCY L	NEUROPSYCHOLOGY OF THE PERCEPTION OF EMOTION	88,695
1R13 GM41122-01	GRIFFIN, ROBERT G	SYMPOSIUM ON HIGH RESOLUTION NMR IN SOLIDS	9,000
1R01 GM41477-01	SOLOMON, FRANK E	FUNCTION OF THE CYTOSKELETAL PROTEINS IN VIVO	194,697
INSTITUTION TOTAL	4		517,965
NATIONAL BUREAU OF ECONOMIC RESEARCH			
1R01 AG08146-01	WISE, DAVID A	PENSION PLAN PROVISIONS AND EARLY RETIREMENT	104,653
INSTITUTION TOTAL	1		104,653
THERMAL TECHNOLOGIES, INC.			
1R43 HL42199-01	CURLEY, MICHAEL G	CONTINUOUS OXYGEN TENSION--PERFUSION MEASUREMENT SYSTEM	50,000
INSTITUTION TOTAL	1		50,000
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH			
1R01 GM40916-01	LODISH, HARVEY F	MULTIPLE GLUCOSE TRANSPORTER PROTEINS	279,051
INSTITUTION TOTAL	1		279,051
CITY TOTAL	10		1,291,239
FRAMINGHAM			
INTEGRATED GENETICS, INC.			
1R43 HD25348-01	HORN, GLENN T	DNA AMPLIFICATION FOR THE DIAGNOSIS OF GENETIC DISEASE	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
NORWOOD			
EIC LABORATORIES, INC.			
1R43 NS26976-01	ROSE, TIMOTHY L	NOVEL MICROELECTRODES FOR NEURAL STIMULATION	49,987
INSTITUTION TOTAL	1		49,987
CITY TOTAL	1		49,987

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS WALTHAM BRANDEIS UNIVERSITY 1R01 GM39739-01A1 1R01 EY07965-01	HABER, JAMES E OPRIAN, DANIEL D	STRUCTURE FUNCTION & REGULATION OF YEAST MEMBRANE ATPASE STRUCTURE-FUNCTION STUDIES OF RHODOPSIN	114,879 159,929
INSTITUTION TOTAL CITY TOTAL	2 2	274,808 274,808	
WILLIAMSTOWN WILLIAMS COLLEGE 1R29 NS26825-01	WILLIAMS, HEATHER	MODULATION OF AUDITORY AND MOTOR MODES IN VOCAL LEARNING	101,609
INSTITUTION TOTAL CITY TOTAL	1 1	101,609 101,609	
WORCESTER POLYCLONAL SERA LABS, INC. 1R43 NS26987-01	FLEMING, NIGEL	NEW DIAGNOSTIC TEST FOR MUSCULAR DYSTROPHY	50,000
INSTITUTION TOTAL	1	50,000	
TRANSGENIC SCIENCES, INC. 1R43 HD25349-01	REDDY, VEMURI B	HGH PRODUCTION IN THE MILK OF TRANSGENIC MICE	49,900
INSTITUTION TOTAL	1	49,900	
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1R01 DK41090-01 1R29 NS26343-01 1R01 DE08798-01 1R01 DK40707-01	APPEL, MICHAEL C DE VITO, WILLIAM J GREENBERGER, JOEL S WERINGER, ELORA J	EXPERIMENTAL INSULIN DEPENDENT DIABETES IMMUNOREACTIVE BRAIN PROLACTIN ROLE OF MARROW STROMA IN OSTEOCLAST DIFFERENTIATION AUTOIMMUNE T-LYMPHOCYTE CELL LINES IN DIABETES	220,360 92,332 232,289 137,048
INSTITUTION TOTAL CITY TOTAL	4 6	682,029 781,929	
STATE TOTAL	59	8,777,527	
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1R29 GM41388-01	DE LISLE, ROBERT C	PANCREATIC ACINAR SECRETION: RECONSTITUTED EXOCYTOSIS	92,529

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

MICHIGAN
ANN ARBOR

UNIVERSITY OF MICHIGAN AT ANN ARBOR
1R01 CA48932-01 FEINBERG, ANDREW P
1R29 NS27711-01 FINK, DAVID J
1R01 HL39693-01A1 GINSBURG, DAVID
1R01 NS26160-01A1 MORRIS, MICHAEL D
1R01 DK41204-01 MULHOLLAND, MICHAEL W
1R29 AI26865-01A1 NABEL, GARY J
1R01 GM39561-01A1 NEUBIG, RICHARD R
1R01 NR01887-01 OAKLEY, DEBORAH J
1R01 NS26857-01 PFINGST, BRYAN E
1R29 NS26142-01A1 SILVERSTEIN, FAYE S
1R29 AR39651-01 SOWERS, MARY F
1R01 DE08606-01A1 STOHLER, CHRISTIAN S
1R29 GM39505-01A1 TAIT, ALAN R
1R01 NS27634-01 TOSNEY, KATHRYN W
1R01 NS26884-01 UEDA, TETSUFUMI
1R01 DK41122-01 WILLIAMS, JOHN A

INSTITUTION TOTAL 17 2,218,993
CITY TOTAL 17 2,218,993

DETROIT

WAYNE STATE UNIVERSITY
1R29 GM41283-01 NICHOLSON, ALLEN W
1R01 AI27409-01 PETTY, HOWARD R
1R01 NS26912-01 PHILLIS, JOHN W
1R01 HL42209-01 SCHIEBINGER, RICK J
1R01 NS26823-01 TSE, HARLEY Y

INSTITUTION TOTAL 5 654,997
CITY TOTAL 5 654,997

EAST LANSING

MICHIGAN STATE UNIVERSITY
1R01 GM41394-01 DODGSON, JERRY B
1P42 ES04911-01 FISCHER, LAWRENCE J
1R01 AI27323-01 TRIEZENBERG, STEVEN J

INSTITUTION TOTAL 3 1,980,490
CITY TOTAL 3 1,980,490

IDENTIFICATION OF THE EARLIEST STEPS IN TRANSFORMATION
PATHOGENESIS OF DIABETIC NEUROPATHY
MOLECULAR GENETIC STUDIES OF VON WILLEBRAND FACTOR
SURFACE ENHANCED RAMAN SPECTROSCOPY OF NEUROTRANSMITTERS
GASTROINTESTINAL AUTONOMIC DYSFUNCTION
CONTROL OF HIV AND INDUCIBLE T CELL GENE PRODUCTS
RAPID KINETICS OF A2 ADRENERGIC RECEPTOR ACTIVATION
NURSE-MIDWIVES AND PHYSICIANS--STUDY OF COMPARISONS
NONSPECTRAL FREQUENCY DISCRIMINATION
ROLE OF GLUTAMATE IN PERINATAL BRAIN INJURY
EFFECT OF LACTATION ON BONE
PAIN-MODULATED JAW MOTOR FUNCTION
ANESTHESIA AND UPPER RESPIRATORY TRACT INFECTIONS
GUIDANCE OF MOTONEURON GROWTH CONES
SYNAPTIC VESICLE WITH GLUTAMATE UPTAKE SYSTEM
CALCIUM AND PANCREATIC STIMULUS-SECRETION COUPLING

STRUCTURE & FUNCTION OF AN RNASE III PROCESSING SIGNAL
WATCHING TARGET CELL OXIDATION AND CYTOLYSIS
MANIPULATION OF ADENOSINE METABOLISM & CONTROL OF STROKE
MECHANISMS REGULATING ATRIOPEPTIN SECRETION
GENETIC VARIANTS AS TRACERS OF T CELL FUNCTIONS IN EAE

IN VITRO MUTAGENESIS OF HISTONE AND HMG GENES
HEALTH HAZARDS FROM GROUNDWATER CONTAMINATION
TRANS-ACTIVATED EXPRESSION OF HSV IMMEDIATE EARLY GENES

111,176
1,738,480
130,834

90,159
209,031
112,175
114,473
129,159

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
OXFORD			
OXFORD BIOMEDICAL RESEARCH, INC.			
1R43 HL42214-01	HARDS, ROBERT G	ISOLATION AND PURIFICATION OF PROSTACYCLIN SYNTHASE	50,000
INSTITUTION TOTAL 1 50,000			
CITY TOTAL 1 50,000			
STATE TOTAL 26 4,904,480			

MINNESOTA			
EDEN PRAIRIE			
BIO-METRIC SYSTEMS, INC.			
1R43 HD25357-01	DUQUETTE, PETER H	RAPID EIA FOR COTININE IN BIOLOGICAL FLUIDS	48,549
INSTITUTION TOTAL 1 48,549			
CITY TOTAL 1 48,549			

MINNEAPOLIS			
MINNESOTA STATE DEPARTMENT OF HEALTH			
1R29 ES04787-01A1	MARBURY, MARIAN C	EPIDEMIOLOGY OF RESPIRATORY ILLNESS & INDOOR POLLUTION	89,812
INSTITUTION TOTAL 1 89,812			

UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R01 HL42165-01	BUZZARD, I MARILYN	NUTRITION DATA SYSTEM FOR RESEARCH AND EDUCATION	437,524
1R01 HD25306-01	CLEARY, MARGOT P	GENE, ADIPOCYTE LIPOGENESIS AND DIETARY FATTY ACIDS	123,006
1R01 GM40907-01	CURTISINGER, JAMES W	GENETIC CORRELATION OF QUAN CHARACTERS IN DROSOPHILA	73,994
1R03 DE08764-01	DELONG, RALPH	SURFACE FITTING IN CLINICAL MEASUREMENTS	20,861
1R29 HL42168-01	KINGSLEY-HICKMAN, PETER B	ISCHEMIA & CARDIOPLEGIA IN NEWBORN HEARTS--NMR STUDIES	91,527
1R01 GM41350-01	KURIYAMA, RYOKO	MOLECULAR ANALYSIS OF MTOC-COMPONENTS	115,229
1R01 AI27416-01	MCIVOR, R S	NUCLEOSIDE PHOSPHORYLASE GENE INSERTION AND EXPRESSION	112,640
1R01 DE08766-01	MESSER, HAROLD H	FLUORIDE ABSORPTION	95,080
1R01 AI27320-01	PLAGEMANN, PETER G	LDH VIRUS/AKR MULV INTERACTION IN POLIOMYELITIS OF MICE	98,669
1R01 DK39994-01A1	ROBERTSON, RODERICK P	PANCREATIC TRANSPLANTATION IN DIABETIC PATIENTS	135,883
1R01 AR39754-01	THOMAS, DAVID D	TIME RESOLVED EPR SPECTROSCOPY OF MUSCLE	224,108
1R29 GM41235-01	WACKETT, LAWRENCE P	MECHANISM OF BACTERIAL DEHALOGENASES	92,204
INSTITUTION TOTAL 12 1,620,725			
CITY TOTAL 13 1,710,537			

ROCHESTER			
MAYO FOUNDATION			
1R29 GM40909-01	WARNER, DAVID O	ANESTHESIA AND THE RESPIRATORY MUSCLES	80,317

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

INSTITUTION TOTAL 1 80,317
CITY TOTAL 1 80,317

STATE TOTAL 15 1,839,403

MISSISSIPPI

JACKSON
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER
BRUNDEN, KURT R
CORREIA, JOHN J
SILBERMAN, STEPHEN L

AXONAL REGULATION OF MYELIN PROTEIN SYNTHESIS
DYNAMICS OF MICROTUBULE ASSEMBLY/DISASSEMBLY
PREVALENCE OF PRIMARY CANINE HYPOPLASIA

79,908
105,371
21,450

INSTITUTION TOTAL 3 206,729
CITY TOTAL 3 206,729

STATE TOTAL 3 206,729

MISSOURI

SAINT LOUIS
JEWISH HOSPITAL OF ST. LOUIS
KINNUNEN, PAULA M
LITTLE, J RUSSELL
WEIL, GARY J

INTRACELLULAR CHOLESTEROL METABOLISM IN ATHEROGENESIS
H. CAPSULATUM INTERACTIONS WITH MURINE MACROPHAGES
INFECTIVE LARVAE AND IMMUNITY IN FILARIASIS

130,505
143,512
198,752

INSTITUTION TOTAL 3 472,769

ST. LOUIS UNIVERSITY

CHAITMAN, BERNARD R
HUANG, JUNG S
PARTRIDGE, NICOLA C

CORE ELECTROCARDIOGRAPHIC LABORATORY--BARI TRIAL
PDGF/TGF B AND A2M INTERACTIONS
PARATHYROID HORMONE REGULATION OF OSTEOBLASTIC MRNA

298,547
94,095
95,801

INSTITUTION TOTAL 3 488,443

WASHINGTON UNIVERSITY

CATES, KATHRYN L
COOPER, JOHN A
GERHARD, DANIELA S
GITLIN, JONATHAN D
HANSEN, TED H
LASZLO, ANDREI
LEFKOWITH, JAMES B
MILETICH, JOSEPH P

INTERACTION OF COMPLEMENT AND HAEMOPHILUS INFLUENZAE
ACTIN CAPPING PROTEIN OF THE Z LINE OF MUSCLE
SEARCH FOR THE AFFECTIVE DISORDERS GENE ON CHROMOSOME 11
DEVELOPMENTAL REGULATION OF FETAL ANTIOXIDANT EXPRESSION
ROLE OF B2M IN MHC CLASS I EXPRESSION AND CONFORMATION
MECHANISMS OF THERMOTOLERANCE--PROTECTION OR REPAIR
ROLE OF LIPIDS IN ORGAN IMMUNOGENICITY
PROTEIN C STRUCTURE/FUNCTION & RISK OF THROMBOSIS

178,733
137,988
141,566
153,005
124,072
120,174
187,658
162,212

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY	1R29 NS26788-01	MOERLEIN, STEPHEN M	100,169
	1R29 GM41303-01	MUSTOE, THOMAS A	98,722
	1R01 GM40995-01	OCHMAN, HOWARD	82,400
	1R01 AI27430-01	SCHWARTZ, BENJAMIN D	141,849
	1R29 DK40732-01	SHALWITZ, ROBERT ALAN	91,058
INSTITUTION TOTAL		13	1,719,606
CITY TOTAL		19	2,680,818
STATE TOTAL		19	2,680,818
MONTANA BOZEMAN MONTANA UNIVERSITY	1R01 GM42791-01	WHITE, MICHAEL W	94,756
	INSTITUTION TOTAL	1	94,756
	CITY TOTAL	1	94,756
	STATE TOTAL	1	94,756
	INSTITUTION TOTAL	1	94,756
CITY TOTAL		1	94,756
STATE TOTAL		1	94,756
NEBRASKA BOYS TOWN FATHER FLANAGAN'S BOYS' HOME	1R29 NS27433-01	NITTROUER, SUSAN	84,508
	INSTITUTION TOTAL	1	84,508
	CITY TOTAL	1	84,508
	STATE TOTAL	1	84,508
	INSTITUTION TOTAL	1	84,508
CITY TOTAL		1	84,508
STATE TOTAL		1	84,508
OMAHA UNIVERSITY OF NEBRASKA	1P01 CA49210-01	CAVALIERI, ERCOLE L	191,450
	1R01 CA46686-01A1	CROUSE, DAVID A	109,071
	1R01 CA48709-01	GIAM, CHOU-ZEN	85,492
	1R01 AI25820-01A1	SHARP, JOHN G	102,470
	1R29 HD24189-01A1	SHULL, JAMES D	93,235
INSTITUTION TOTAL		6	87,059
CITY TOTAL		6	87,059
STATE TOTAL		6	87,059

MEDICAL CENTER
MECHANISMS OF 7,12-DIMETHYLBENZANTHRACENE CARCINOGENESIS
CHARACTERIZATION OF CIRCULATING HEMATOPOIETIC STEM CELLS
BIOCHEMICAL MECHANISM OF TRANS-ACTIVATION IN HTLV-I
MICROENVIRONMENT INFLUENCE GALT LOCATION AND ONTOGENY
STEROID HORMONE CONTROL OF PROLACTIN GENE EXPRESSION
HIV CYTOPATHICITY--ANTISENSE RNA APPROACH

TRANSLATIONAL CONTROL OF RIBOSOMAL PROTEINS

ONTOGENY OF SEGMENTAL SPEECH ORGANIZATION

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEBRASKA			
OMAHA			
VISITING NURSE ASSOCIATION OF OMAHA			
1R01 NR02192-01	MARTIN, KAREN S	HOME HEALTH AGENCY PRACTICE AND DOCUMENTATION MODEL	104,198
INSTITUTION TOTAL			
CITY TOTAL	1	104,198	
	7	772,975	
STATE TOTAL			
	8	857,483	
NEW HAMPSHIRE			
DURHAM			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE			
1R01 NS26855-01	MAIR, ROBERT G	NEUROBIOLOGICAL MECHANISMS OF DIENCEPHALIC AMNESIA	103,745
INSTITUTION TOTAL			
CITY TOTAL	1	103,745	
	1	103,745	
HANOVER			
DARTMOUTH COLLEGE			
1R29 CA49002-01	HAMILTON, JOSHUA W	EFFECT OF CARCINOGENS ON GENE EXPRESSION IN VIVO	96,556
INSTITUTION TOTAL			
CITY TOTAL	1	96,556	
	1	96,556	
STATE TOTAL			
	2	200,301	
NEW JERSEY			
CAMDEN			
CORIELL INSTITUTE FOR MEDICAL RESEARCH			
1R01 HL41891-01	MUELLER, STEPHEN N	ENDOTHELIAL CELL MONOLAYER PERMEABILITY CHARACTERISTICS	159,976
INSTITUTION TOTAL			
CITY TOTAL	1	159,976	
	1	159,976	
NEW BRUNSWICK			
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK			
1R01 GM41376-01	EBRIGHT, RICHARD H	DNA SEQUENCE RECOGNITION BY CAP	128,388
1R01 CA49359-01	FONG, DUNNE	PROTEINASE FUNCTION AND CANCER METASTASIS	130,086
1R01 ES04976-01	REUHL, KENNETH R	MECHANISMS OF MEHG NEUROTOXICITY DURING DEVELOPMENT	175,873
INSTITUTION TOTAL			
CITY TOTAL	3	434,347	
	3	434,347	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY PISCATAWAY JP LABORATORIES, INC. 1R43 CA49347-01	PATEL, GORDHAN N	FILM DOSIMETER FOR NEUTRON THERAPY	49,940
INSTITUTION TOTAL	1	49,940	
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL 1R01 DK39502-01A1 LEONARD, JOHN 1R01 GM41258-01 POWERS, R SCOTT 1R01 DK40698-01 WILSON, PATRICIA D		NEUROSPORA CRASSA INSULIN AND INSULIN RECEPTOR GENETIC ANALYSIS OF THE UPSTREAM CONTROL OF YEAST RAS MECHANISM OF CYST FORMATION IN POLYCYSTIC KIDNEY DISEASE	193,812 156,783 123,485
INSTITUTION TOTAL CITY TOTAL	3 4	474,080 524,020	
PRINCETON PRINCETON UNIVERSITY 1R01 CA49271-01	LEVINE, ARNOLD J	PROTEINS AND GENE FUNCTIONS OF EPSTEIN-BARR VIRUS	213,982
INSTITUTION TOTAL CITY TOTAL	1 1	213,982 213,982	
STATE TOTAL	9	1,332,325	
NEW MEXICO LAS CRUCES ENERGY OPTICS, INC. 1R43 HD25336-01	STOKES, JOHN H	WIRELESS INFRA-RED NICTATING COMMUNICATION SYSTEM	30,976
INSTITUTION TOTAL CITY TOTAL	1 1	30,976 30,976	
STATE TOTAL	1	30,976	
NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF HEALTH 1R01 AI27044-01	BENACH, JORGE L	ANTIGEN SPECIFIC INTERACTIONS OF BORRELIA WITH TICK	139,569
INSTITUTION TOTAL	1	139,569	
STATE UNIVERSITY OF NEW YORK AT ALBANY 1R01 HL42919-01	ATWEH, GEORGE F	NORMAL AND ABERRANT GLOBIN GENE EXPRESSION	89,602

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ALBANY			
STATE UNIVERSITY OF NEW YORK AT ALBANY 1R01 HD25346-01	GAGE, TIMOTHY B	MORTALITY AND NUTRITIONAL STATUS--DEMOGRAPHIC ANALYSIS	79,285
INSTITUTION TOTAL	2	168,887	
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV			
1R01 NS25355-01A1	HOF, LISELOTTE B	GANGLIOSIDES IN MYELIN DEFICIENT MUTANT	120,184
1R01 GM42935-01	NEWELL, JONATHAN C	MONITORING LUNG WATER BY ELECTRICAL IMPEDANCE IMAGINE	171,366
INSTITUTION TOTAL	2	291,550	
CITY TOTAL	5	600,006	
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
1R01 GM41008-01	HUBERMAN, JOEL A	MAMMALIAN DNA REPLICATION ORIGINS	140,068
INSTITUTION TOTAL	1	140,068	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
1R01 AG06794-01A2	CZAJA, SARA J	AGE DIFFERENCES IN TASK STRESS FOR COMPUTER TASKS	111,420
1R01 GM42850-01	FUNG, HO-LEUNG	VASODILATOR KINETICS AND DYNAMICS	279,862
1R01 GM41037-01	JUSKO, WILLIAM J	PHARMACOKINETICS OF REVERSIBLE METABOLIC SYSTEMS	124,020
1R01 CA48049-01	NICHOLSON, BRUCE J	MECHANISMS FOR CONTROL OF CELL GROWTH BY GAP JUNCTIONS	163,985
1R01 AI27401-01	REDDY, MOLAKALA S	SALIVARY AND TRACHEOBRONCHIAL MUCINS IN DISEASE	77,041
1R29 AI26279-01A1	WESTERINK, MARIA ANNA JULIA	MENINGOCOCCAL ANTI-IDIOTYPE VACCINES	102,645
INSTITUTION TOTAL	6	858,973	
CITY TOTAL	7	999,041	
CHAPPAQUA			
CORTEKS, INC.			
1R43 NS26969-01	CHILDS, DENNIS L	PATTERN RECOGNIZING EEG MONITORING DEVICE	49,995
INSTITUTION TOTAL	1	49,995	
CITY TOTAL	1	49,995	
ITHACA			
CORNELL UNIVERSITY ITHACA			
1R29 HD25175-01	FIGUEROA, JORGE P	SYSTEMIC AND LOCAL REGULATION OF MYOMETRIAL ACTIVITY	97,584
1R01 GM40918-01	LIS, JOHN T	MOLECULAR DISSECTION OF TRANSCRIPTION ACTIVE CHROMATIN	106,683
INSTITUTION TOTAL	2	204,267	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	204,267	
NEW YORK NEW HYDE PARK LONG ISLAND JEWISH MEDICAL CENTER 1R29 HL38303-01A2	MAUTONE, ALAN J	BIOPHYSICS OF SURFACTANT DURING LUNG DEVELOPMENT	89,655
INSTITUTION TOTAL	1	89,655	
CITY TOTAL	1	89,655	
NEW YORK AMERICAN HEALTH FOUNDATION 1R01 CA48741-01	COHEN, LEONARD A	VOLUNTARY EXERCISE AS MEANS OF MAMMARY CANCER PREVENTION	64,054
INSTITUTION TOTAL	1	64,054	
CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK 1R01 EY07986-01	WALLMAN, JOSHUA	TWO OPTOKINETIC SYSTEMS	74,177
INSTITUTION TOTAL	1	74,177	
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE 1R01 GM41359-01	QUIGLEY, GARY J	NUCLEIC ACID STRUCTURE AND ENVIRONMENT	165,148
INSTITUTION TOTAL	1	165,148	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1R01 DK40895-01 1R01 EY07865-01 1R24 RR05272-01 1R01 HL37254-01A2 1R29 CA46866-01A1 1R01 GM41373-01	BISHOP, DAVID F CAMRAS, CARL B EISINGER, JOSEF MAROM, ZVI M TABIBZADEH, SIAMAK S WEINSTEIN, HAREL	HUMAN AMINOLEVULINATE SYNTHETASE STRUCTURE & REGULATION PG-INDUCED REDUCTION OF INTRAOCULAR PRESSURE SPECTROFLUOROMETRIC CCD MICROSCOPE MUCUS SECRETAGOGUE--NOVEL PEPTIDE IN BRONCHITIS ROLE OF CYTOKINES & HLA-DR IN ENDOMETRIAL EPTITHELIUM STRUCTURE-FUNCTION RELATIONS IN CALCIUM BINDING PROTEIN	197,989 141,496 356,728 148,234 76,880 134,125
INSTITUTION TOTAL	6	1,055,452	
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE 1R01 GM40441-01 1R01 HD22070-01A2	ENGEL, ROBERT R POULSON, CLAIRE L	PHOSPHOINOSITIDE & INOSITOL PHOSPHATE ANALOG SYNTHESIS OPEREANT ANALYSIS OF IMITATION IN INFANTS	135,352 119,695
INSTITUTION TOTAL	2	255,047	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK 1R01 HL41552-01	BIGGER, JOHN T, JR	HEART RATE VARIABILITY AND SUDDEN CARDIAC DEATH	192,531

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1R01 NS26656-01	FAHN, STANLEY	LINKAGE STUDIES & MOLECULAR GENETICS OF DYSTONIA	204,080
1R29 HL38312-01A2	FEINMARK, STEVEN J	LEUKOTRIENES AND LEUKOCYTE/VASCULAR CELL INTERACTIONS	100,306
1R01 GM41371-01	HONIG, BARRY H	ELECTROSTATIC INTERACTIONS IN DNA	107,291
1R01 AI27508-01	KABAT, ELVIN A	HUMAN MYELOMA PROTEINS WITH ANTI-CARBOHYDRATE ACTIVITY	180,707
1R01 HL38306-01A1	LEONARD, EDWARD F	UV FLOW PHOTOREACTORS FOR BLOOD AND BLOOD COMPONENTS	136,888
1R01 GM40083-01A1	LOW, MARTIN G	PHOSPHATIDYLINOSITOL MEMBRANE PROTEIN ANCHORS	169,265
1R01 HD25208-01	ROBERTSON, ELIZABETH J	ANALYSIS OF DEVELOPMENT USING CELL LINES	169,892
1R29 DK40832-01	SAWCZUK, IHOR S	RENAL GROWTH/DURING URETERAL OBSTRUCTION	89,631
INSTITUTION TOTAL 9 1,350,591			
CORNELL UNIVERSITY MEDICAL CENTER			
1R01 GM41337-01	BARANY, FRANCIS	MECHANISM OF RESTRICTION ENDONUCLEASE ACTION	140,531
1R01 EY07977-01	VICTOR, JONATHAN D	CENTRAL PROCESSING OF VISUAL INFORMATION	149,091
1R01 EY07836-01	YABLONSKI, MICHAEL E	FLUOROPHOTOMETRIC DIAGNOSIS OF AQUEOUS HUMOR DYNAMICS	163,745
INSTITUTION TOTAL 3 453,367			
HOSPITAL FOR SPECIAL SURGERY			
1R01 AR38889-01A2	SALMON, JANE EVA	HLA-ASSOCIATED FC RECEPTOR FUNCTION IN NORMALS AND SLE	106,028
INSTITUTION TOTAL 1 106,028			
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1P01 CA47179-01A1	BRENNAN, MURRAY R	SOFT TISSUE SARCOMA PROGRAM PROJECT	398,866
INSTITUTION TOTAL 1 398,866			
NEW YORK ACADEMY OF SCIENCES			
1R13 DK40955-01	DURHAM, JOHN H	MECHANISMS & REGULATION OF ANION & PROTON TRANSPORT	7,000
1R13 AI27157-01	SEHGAL, PRAVINKUMAR B	ACUTE PHASE AND IMMUNE RESPONSES--NEW CYTOKINE	10,500
INSTITUTION TOTAL 2 17,500			
NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST BASIC RES DEV			
1R01 HD24884-01	KOZLOWSKI, PIOTR	NEUROPATHOLOGY AND BRAIN DEVELOPMENT IN PEDIATRIC AIDS	144,645
INSTITUTION TOTAL 1 144,645			
NEW YORK UNIVERSITY			
1R29 AI27260-01	ANDREWS, NORMA W	TRYPANOSOMA CRUZI HEMOLYSIN	114,121
1R01 EY08002-01	CHEKSEY, BRUCE D	AQUEOUS HUMOR INFLOW MECHANISMS	124,949

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK UNIVERSITY			
1R01 GM40958-01	CONNOLLY, MICHAEL L	MOLECULAR CONFORMATION, COMPARISON AND INTERACTION	91,127
1P42 ES04895-01	COSTA, MAX	DETECT AND PREDICT HUMAN EXPOSURE TO TOXICITY	1,805,625
1R01 DK41093-01	SAMUELS, HERBERT H	GLUCOCORTICOID RECEPTORS--STRUCTURE AND FUNCTION	207,619
1R01 AI24528-01A2	VANDERBERG, JEROME P	PLASMODIUM SPOOROZOITE--HOST CELL INTERACTIONS	174,182
1R29 AI27458-01	ZAVALA, FIDEL	ROLE OF T CELLS IN OF ANTISPOOROZOITE IMMUNITY	104,082
INSTITUTION TOTAL 7 2,621,705			
RICHARD RABKIN MD, P.C.			
1R43 HD25332-01	RABKIN, RICHARD	PROMOTING ACCESS TO HEALTH INFORMATION VIA MICROCOMPUTER	50,000
INSTITUTION TOTAL 1 50,000			
ROCKEFELLER UNIVERSITY			
1R29 CA48707-01	BABISS, LEE E	TRANSFORMATION PROGRESSION AND AD5 GENE REGULATION	105,840
1R01 NS25742-01A1	CLAYTON, DAVID F	DIFFERENTIAL GENE EXPRESSION IN THE BRAIN	188,931
1R01 EY07960-01	KATZ, LAWRENCE C	DEVELOPMENT OF INTRINSIC CIRCUITRY IN EAT VISUAL CORTEX	106,692
INSTITUTION TOTAL 3 401,463			
ST. LUKE'S-ROOSEVELT HOSPITAL CENTER			
1R01 DK41000-01	HEYMSFIELD, STEVEN B	ETHNICITY AND OBESITY--NEW BODY COMPOSITION MODELS	164,299
INSTITUTION TOTAL 1 164,299			
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN			
1R01 HD25714-01	LANDESMAN, SHELDON H	HIV INFECTION IN DRUG AND NON-DRUG USING WOMEN	420,191
INSTITUTION TOTAL 1 420,191			
YESHIVA UNIVERSITY			
1R01 AI27199-01	HORWITZ, MARSHALL S	ADENOVIRUS PATHOGENESIS AND THE CLASS I MHC	230,981
1R22 AI26170-01A1	JACOBS, WILLIAM R, JR	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	161,865
1R29 HD24425-01A1	NAZ, RAJESH K	IMMUNOBIOLOGICAL ROLE OF FERTILIZATION ANTIGEN	109,426
1R01 HD25074-01	POLLARD, JEFFREY W	ROLE OF COLONY STIMULATING FACTOR-1 IN PLACENTAL GROWTH	289,051
1R01 DE08417-01A1	SADOWSKY, DONALD	PREDICTORS OF DENTISTS INFECTION CONTROL BEHAVIORS	262,777
1R01 AG07677-01A1	SHAFIT-ZAGARDO, BRIDGET	SECOND MESSENGERS IN ASTROCYTES AND PRECURSOR CELLS	161,105
INSTITUTION TOTAL 6 1,215,205			
CITY TOTAL 47 8,957,738			

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1R03 DE08826-01	BELL, J ELLIS	THIOL PROTEASE INHIBITORY ACTIVITY OF SALIVARY CYSTATINS	23,846
1R29 AG08133-01	COLLIER, TIMOTHY J	NOREPINEPHRINE SUPPLEMENTATION IN AGING	112,397
1R29 NS26845-01	HIGGINS, GERALD A	PATHOLOGY IN ALZHEIMER'S DISEASE	91,548
1R01 NS25987-01A1	PHELPS, CAROL J	HYPOPHYSIOTROPIC NEURON DIFFERENTIATION--TARGET FEEDBACK	121,101
1R29 AR39724-01	POLAKOWSKA, RENATA R	EPIDERMAL TRANS-ACTING FACTORS IN SKIN DEVELOPMENT	78,569
1R13 CA49410-01	SCHMALE, ARTHUR H	ROCHESTER CANCER STARVATION CONFERENCE	3,000
1R01 CA48961-01	WHITTEN, DAVID G	PICKET FENCE PORPHYRINS FOR PHOTODYNAMIC THERAPY	191,058
1R29 GM41220-01	WOLFMAN, ALAN S	ROLE OF MULTIPLE G-PROTEINS IN SIGNAL TRANSDUCTION	91,177
INSTITUTION TOTAL	8		712,696
CITY TOTAL	8		712,696
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R29 NS26587-01	CONNINE, CYNTHIA M	PRE AND POST PERCEPTUAL CONTEXT EFFECTS IN SPEECH	51,767
1R29 DK41573-01	GOLLIGORSKY, MICHAEL S	OXIDATIVE INSULT TO CULTURED RENAL TUBULAR CELLS	87,754
1R29 CA47384-01A1	MIKSICEK, RICHARD J	LIGAND/PROTEIN INTERACTIONS IN ESTROGEN RECEPTORS	90,826
INSTITUTION TOTAL	3		230,347
CITY TOTAL	3		230,347
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE			
1R01 GM41265-01	HOLOHAN, PETER D	NEPHROTOXICITY--IN VITRO MODEL	112,832
1R29 NS25958-01A1	SCHWOB, JAMES E	DEVELOPMENT OF THE PRIMARY OLFACTORY PROJECTION	96,399
1R01 NS27409-01	TURNER, DAVID C	MECHANISM OF PC12 CELL ADHESION TO COLLAGEN AND LAMININ	152,768
INSTITUTION TOTAL	3		361,999
SYRACUSE UNIVERSITY AT SYRACUSE			
1R01 GM41085-01	LEVY, H RICHARD	ACETOBACTER XYLINUM GLUCOSE 6-PHOSPHATE DEHYDROGENASES	128,875
INSTITUTION TOTAL	1		128,875
CITY TOTAL	4		490,874
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
1R01 GM41053-01	KOFT, EMIL R	SYNTHESIS OF MEDICINALLY IMPORTANT NATURAL PRODUCTS	51,273
1R01 EY07853-01	KORETZ, JANE F	HUMAN ACCOMMODATION MODEL	92,009
INSTITUTION TOTAL	2		143,282

NTH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

CITY TOTAL 2 143,282

STATE TOTAL 80 12,477,901

NORTH CAROLINA
CHAPEL HILL

UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

1R01 DE08561-01A1 BAYNE, STEPHEN C EVALUATION OF PROTECTION HYPOTHESIS FOR COMPOSITE WEAR
1R01 A123939-01A2 COHEN, MYRON S PHAGOCYTES, FREE RADICALS AND CELLULAR CONSEQUENCES
1R01 DK40208-01A1 FALK, RONALD J NEUTROPHIL AUTOANTIBODIES IN VASCULITIS AND NEPHRITIS
1R01 GM41402-01 JACOBSON, KENNETH A LATERAL MOBILITY OF PLASMA MEMBRANE PROTEINS
1R01 CA49240-01 LIU, EDISON T MOLECULAR DETERMINANTS IN HUMAN LEUKEMIC PROGRESSION
1R01 DE08671-01 LUNDBLAD, ROGER L THROMBIN IN WOUND HEALING--MULTIPLE FUNCTIONS
1R01 A127039-01 NICHOLAS, ROBERT A RELATING STRUCTURE/FUNCTION IN E. COLI PENICILLIN-PBPS
1R29 NS26660-01 ROSENBERG, ROBERT L RECONSTITUTION OF NEURONAL CALCIUM CHANNELS
1R29 HL38950-01A1 SHERWOOD, ANDREW STRESS FACTORS IN BLOOD PRESSURE REGULATION
1R01 DE08135-01A1 STRAUSS, RONALD P PSYCHOSOCIAL RESPONSES TO CLEFT LIP AND PALATE TREATMENT
1R29 HL41886-01 STRECHER, VICTOR J IMPROVING PHYSICIANS PREVENTIVE CARE ACTIVITIES

205,463
93,271
137,470
150,420
182,140
128,790
101,322
95,630
95,272
153,963
69,382

INSTITUTION TOTAL 11 1,413,123
CITY TOTAL 11 1,413,123

DURHAM

DUKE UNIVERSITY
1R29 EY07840-01
1R29 GM40162-01A1
1R29 DK40790-01
1P01 NS26630-01
1R01 HL40392-01A1
1R01 DK40834-01

EINSTEIN, GILLIAN INPUT/OUTPUT RELATIONSHIPS IN VISUAL CORTEX
NEEDHAM, DAVID ELECTROPERMEABILIZATION/FUSION OF LIPID VESICLES & CELLS
PAPPAS, THEODORE N REGULATION OF FOOD INTAKE--BRAIN AND GUT MEDIATORS
PERICAK-VANCE, MARGARET A CENTER FOR GENETIC STUDIES IN NEUROLOGICAL DISORDERS
PRITCHETT, EDWARD L EPIDEMIOLOGY OF SYMPTOMATIC ARRHYTHMIAS
SCHEINMAN, JON I LOSS OF KIDNEY FUNCTION BY GLOMERULAR SCLEROSIS

103,358
87,183
80,817
883,462
116,651
116,764

INSTITUTION TOTAL 6 1,388,235

HYPERION CORPORATION

1R43 NS26967-01

DEVELOP AN INDIVIDUALIZED MEMORY PROSTHETIC DEVICE

50,000

INSTITUTION TOTAL 1 50,000

METAMETRICS, INC.

1R43 HD25358-01

CONSTRUCT GENERALIZATION--A META-ANALYTIC TOOL

49,880

INSTITUTION TOTAL 1 49,880

CITY TOTAL 8 1,488,115

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA RALEIGH BORON BIOLOGICALS, INC. 1R43 GM41510-01	SPIELVOGEL, BERNARD F	OLIGONUCLEOTIDES WITH BORONATED PHOSPHORUS BACKBONES	50,000
INSTITUTION TOTAL	1		50,000
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA 1R13 GM41038-01	EISEN, EUGENE J	STATE UNIVERSITY AT RALEIGH GORDON CONFERENCE--QUANTITATIVE GENETICS/BIOTECHNOLOGY	2,000
INSTITUTION TOTAL	1		2,000
CITY TOTAL	2		52,000
WINSTON-SALEM WAKE FOREST UNIVERSITY 1R01 HL41990-01 1R01 HL40327-01A1 1R29 HL41916-01 1R29 NS27586-01	LEWIS, JON C SANTAMORE, WILLIAM P SORCI-THOMAS, MARY G WIRSIG-WIECHMANN, CELESTE R	MONOCYTE/MACROPHAGE SUBCELLULAR LIPOPROTEIN PROCESSING RIGHT VENTRICULAR FUNCTION ATHEROSCLEROSIS AND APOLIPOPROTEIN A-I REGULATION TERMINAL NERVE--ONTOGENY, CIRCUITRY, AND FUNCTION	100,607 68,335 84,844 77,719
INSTITUTION TOTAL	4		331,505
CITY TOTAL	4		331,505
STATE TOTAL	25		3,284,743
NORTH DAKOTA GRAND FORKS UNIVERSITY OF NORTH DAKOTA 1R01 GM40947-01	YOUNG, KEVIN D	MEMBRANE SUBSTRUCTURE AND CELL DIVISION IN E. COLI	103,977
INSTITUTION TOTAL	1		103,977
CITY TOTAL	1		103,977
STATE TOTAL	1		103,977
OHIO BOWLING GREEN BOWLING GREEN STATE 1R01 GM41454-01	UNIVERSITY AT BOWLING GREEN LEONTIS, NEOCLAS B	STRUCTURE AND FUNCTION OF 5S RNA FLEXIBILITY	95,154
INSTITUTION TOTAL	1		95,154
CITY TOTAL	1		95,154

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1P42 ES04908-01	ALBERT, ROY E	HAZARDOUS SUBSTANCES BASIC RESEARCH PROGRAM	878,434
1R01 NS26933-01	BROTT, THOMAS G	ULTRA-EARLY EVALUATION OF INTRACEREBRAL HEMORRHAGE	115,907
1R01 HL41558-01	SHULL, GARY E	REGULATION & FUNCTION OF CALCIUM TRANSPORTING ATPASES	163,652
INSTITUTION TOTAL	3		
CITY TOTAL	3		
			1,157,993
			1,157,993
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
1R01 HD25004-01	ILAN, JOSEPH	EFFECTS OF IGFS EXPRESSION ON FETAL GROWTH	189,553
1R29 NS26618-01	LEWIS, BARBARA A	FAMILIAL STUDY OF SEVERE PHONOLOGY DISORDERS	74,993
1R01 HL41814-01	MILLER, MARTHA J	PHARYNGEAL RESISTANCE IN SLEEPING PREMATURE INFANTS	98,505
1R01 HD23467-01A1	PARCEL, TOBY L	LINKING MATERNAL EMPLOYMENT AND CHILD CARE ARRANGEMENTS	127,316
1R29 HD25299-01	ROSS, NATHAN S	RIBOFLAVIN AND FLAVOPROTEIN GENE EXPRESSION	71,539
1R01 NR01596-01A1	RUDY, ELLEN B	MENSTRUAL RESPONSE TO RUNNING--NURSING IMPLICATIONS	245,765
1R01 NS26661-01	RUFF, ROBERT	SODIUM CHANNEL GATING IN MODELS OF MYOTONIA	23,050
INSTITUTION TOTAL	7		
			830,721
CLEVELAND CLINIC FOUNDATION			
1R29 NS26804-01	SCHIAVONE, MARC T	ANGIOTENSIN EFFECTS IN HYPOTHALAMUS AND ADRENAL MEDULLA	69,549
INSTITUTION TOTAL	1		
			69,549
MOUNT SINAI MEDICAL CENTER			
1R29 HL41599-01	WARNER, MARGARET ROSE	ROLE OF NEUROPEPTIDE Y IN NEURAL CONTROL OF THE HEART	88,700
INSTITUTION TOTAL	1		
CITY TOTAL	9		
			88,700
			988,970
COLUMBUS			
GUILD ASSOCIATES, INC.			
1R43 HD25364-01	BROWN, ROY S	NOVEL NEURAL NETWORK DEVICE	38,265
INSTITUTION TOTAL	1		
			38,265
OHIO STATE UNIVERSITY			
1R01 DE08428-01A1	DAVIDOVITCH, ZEEV	NEUROTRANSMITTERS AND CYTOKINES IN TOOTH MOVEMENT	294,213
1R29 GM41314-01	HODGSON, CLAQUE P	RECOMBINANT PHARMACEUTICAL PROTEIN PRODUCTION IN EGGS	78,221
1R01 DK41939-01	KOCIBA, GARY J	STROMAL DEFECTS IN RETROVIRUS MYELOSUPPRESSION	93,420

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
1R29 AR39684-01	LITSKY, ALAN S	BONE-CEMENT INTERFACE BIOMECHANICS	84,778
1R01 AG07973-01	PARNES, HERBERT S	NLS RESURVEY--OLDER MALE SURVIVORS & DECEDENTS WIDOWS	218,440
1R01 GM36490-01A2	SWENSON, RICHARD P	REDOX AND ELECTRON-TRANSFER PROPERTIES OF FLAVODOXINS	143,189
1R03 DE08781-01	WALTERS, ANN W	ASSOCIATION BETWEEN ORTHOGNATHIC SURGERY & SLEEP APNEA	15,350
INSTITUTION TOTAL	7		927,611
CITY TOTAL	8		965,876
DAYTON			
UNIVERSAL ENERGY SYSTEMS, INC.			
1R43 HL42208-01	DICK, RICHARD S	HYPERCUBE WORKSTATION FOR 3D CORONARY ARTERIOGRAPHY	48,783
INSTITUTION TOTAL	1		48,783
WRIGHT STATE UNIVERSITY			
1R01 HD25236-01	NIEDER, GARY L	EMBRYO PROTEIN SECRETION DURING IMPLANTATION	101,734
INSTITUTION TOTAL	1		101,734
CITY TOTAL	2		150,517
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
1R01 GM39329-01A1	BIRKHAHN, RONALD H	FAT METABOLISM IN SEPSIS AND TRAUMA	121,827
1R01 EY08015-01	MOONEY, RICHARD D	VISUAL INPUT TO TECHTOFUGAL NEURONS	78,853
INSTITUTION TOTAL	2		200,680
CITY TOTAL	2		200,680
STATE TOTAL	25		3,559,190
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1R29 HL38419-01A2	HOBBS, STUART F	INPUTS TO SPINOBULBAR CARDIOVASCULAR PATHWAYS	100,759
1R01 HL35047-01A4	LAZZARA, RALPH	NORMAL AFTERDEPOLARIZATIONS AND ARRHYTHMIA GENERATION	157,199
INSTITUTION TOTAL	2		257,958
CITY TOTAL	2		257,958

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

PATHWAYS IN CALCIUM REGULATION OF MUSCLE CONTRACTION

OKLAHOMA STATE UNIVERSITY STILLWATER
1R01 AR39728-01 YATES, LAWRENCE D

92,126

INSTITUTION TOTAL 1 92,126
CITY TOTAL 1 92,126

STATE TOTAL 3 350,084

OREGON

CORVALLIS

OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY

1R29 GM41415-01 SMALL, JEANNE R PHOTOACOUSTIC MEASUREMENTS OF PROTEIN DYNAMICS

89,202

INSTITUTION TOTAL 1 89,202
CITY TOTAL 1 89,202

EUGENE

AV-ALARM CORPORATION AND COVOX, INC.
1R43 RR05074-01 STEWART, JOHN L

44,536

INSTITUTION TOTAL 1 44,536

OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON

1R01 AG08057-01 BATES, BARRY T AGING AND TRANSFER OF TRAINING--EXERCISE INTERVENTION
1R29 NS26653-01 TAKAHASHI, TERRY T GENERATION OF AUDITORY SPATIAL RECEPTIVE FIELDS53,207
110,705

INSTITUTION TOTAL 2 163,912
CITY TOTAL 3 208,448

PORTLAND

OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY

1R29 NS26806-01 BAIZER, LAWRENCE GROWTH-ASSOCIATED PROTEIN-43 IN NEURONAL DEVELOPMENT
1R29 HL41816-01 BUKOSKI, RICHARD D CALCITROPIC HORMONE ACTION ON ARTERIAL MUSCLE
1R29 HL40573-01A1 SHIH, DANIEL T B SITE-DIRECTED MUTAGENETIC STUDY OF HEMOGLOBIN FUNCTION94,651
102,168
86,548

INSTITUTION TOTAL 3 283,367
CITY TOTAL 3 283,367

STATE TOTAL 7 581,017

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA HERSHEY			
PENNSYLVANIA STATE 1R29 HL40576-01A1 1R01 CA46349-01A1	UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER MILLER, BARBARA A SATYASWAROOP, P G	MECHANISM OF ACTION OF HEMATOPOIETIC GROWTH FACTORS PROGESTERONE RECEPTOR REGULATION IN ENDOMETRIAL CANCER	82,815 72,203
INSTITUTION TOTAL CITY TOTAL	2 2	155,018 155,018	
PAOLI COACT TECHNOLOGIES 1R43 GM41523-01	BOSSINGER, JUNE A	PROTEIN PURIFICATION KNOWLEDGE BASE	47,616
INSTITUTION TOTAL CITY TOTAL	1 1	47,616 47,616	
PHILADELPHIA CHILDREN'S HOSPITAL 1R01 CA46274-01A1	OF PHILADELPHIA EMANUEL, BEVERLY S	MOLECULAR CYTOGENETICS--PEDIATRIC CNS TUMORS	169,164
INSTITUTION TOTAL	1	169,164	
HAHNEMANN UNIVERSITY 1R01 NS26722-01	CHAPIN, JOHN K	MODULATION OF SOMATOSENSORY TRANSMISSION DURING MOVEMENT	117,707
INSTITUTION TOTAL	1	117,707	
INSTITUTE FOR CANCER RESEARCH 1R01 CA48703-01 1R01 CA49042-01	SKALKA, ANNA M SKALKA, ANNA M	RETROVIRAL RNA AND PROTEIN PROCESSING RNA TUMOR VIRUSES--DNA SYNTHESIS AND INTEGRATION	157,112 348,964
INSTITUTION TOTAL	2	506,076	
MONELL CHEMICAL SENSES CENTER 1R01 NS26927-01 1R13 NS26778-01	BRUCH, RICHARD C WYSOCKI, CHARLES J	PERIPHERAL MECHANISMS OF OLFACTORY RECEPTION GENETICS AND IMMUNOLOGY OF CHEMICAL SENSES	104,988 7,808
INSTITUTION TOTAL	2	112,796	
TEMPLE UNIVERSITY 1R29 AI26113-01A1 1R01 HL41522-01 1R01 HD25137-01	CHEN, YUNG-WU KUEPPERS, FRIEDRICH NEWCOMBE, NORA S	IL-4 INDUCED IGM/IGG EXPRESSION IN NORMAL MURINE B CELLS EVALUATION OF ALPHA-1-ANTITRYPSIN REPLACEMENT DEVELOPMENT OF SPATIAL CODING	108,003 98,419 99,250

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA			
TEMPLE UNIVERSITY			
1R29 GM41000-01	PALTER, KAREN B	ROLE OF DROSOPHILAS HSP70-RELATED COGNATE PROTEINS	94,757
1R01 AR38847-01A2	STUART, MARIE J	ROLE OF EICOSANOIDS IN HEMOPHILIC ARTHROPATHY	197,769
1R29 GM41009-01	WARING, RICHARD B	THREE SPLICE-SITE OF A SELF-SPLICING GROUP I INTRON	94,048
INSTITUTION TOTAL	6		692,246
THOMAS JEFFERSON UNIVERSITY			
1P01 AR39740-01	JIMENEZ, SERGIO A	MOLECULAR BIOLOGY OF HERITABLE OSTEOARTHRITIS	918,165
1R01 NS24782-01A2	LEE, KEVIN S	POST-ISCHEMIC HYPEREXCITABILITY--ROLE OF ADENOSINE	94,356
1R01 HL41918-01	MANNION, JOHN D	SKELETAL MUSCLE FOR MYOCARDIAL ASSISTANCE	113,336
1R29 GM41230-01	OVERHAUSER, JOAN M	MOLECULAR ANALYSIS OF DOSAGE SYNDROMES OF CHROMOSOME 18	93,573
1R01 NS27533-01	SORENSEN, ROGER G	PURIFICATION OF BRAIN DENDROTOXIN RECEPTORS	126,917
INSTITUTION TOTAL	5		1,346,347
UNIVERSITY CITY SCIENCE CENTER			
1R01 HL41882-01	MYERS, JEANNE C	BLEOMYCIN MODULATION OF COLLAGEN GENE EXPRESSION	187,823
INSTITUTION TOTAL	1		187,823
UNIVERSITY OF PENNSYLVANIA			
1R01 GM41048-01	DUTTON, PETER L	ELECTRON TRANSFER MECHANISMS IN REACTION CENTERS	277,998
1R01 NS26882-01	GONATAS, NICHOLAS K	NORMAL AND PATHOLOGIC GOLGI APPARATUS OF NEURONS	116,484
1R29 DK38397-01A2	GREY, MARGARET	CHILDREN'S RESPONSES TO THE STRESS OF CHRONIC ILLNES	97,732
1R01 CA47354-01A1	KRESSEL, HERBERT Y	MR OF COLORECTAL HEPATIC METASTASES--RESPONSE TO THERAPY	227,634
1R01 GM41476-01	LAUFFENBURGER, DOUGLAS A	ANALYSIS OF MICROVESSEL ENDOTHELIAL CELL MIGRATION	112,502
1P01 AR39674-01	LAZARUS, GERALD S	PROTEINASES AND MEDIATORS IN CUTANEOUS BIOLOGY	1,058,359
1R01 DK41110-01	NEILSON, ERIC G	CHARACTERIZATION 3M-1 ANTIGEN IN INTERSTITIAL NEPHRITIS	192,507
1R01 GM41226-01	PRYSTOWSKY, MICHAEL B	REGULATION OF CELLULAR PROLIFERATION	137,146
1R01 NS26626-01	SAUNDERS, JAMES C	MIDDLE EAR DEVELOPMENT	135,557
1R01 GM41113-01	THORNTON, EDWARD R	ASYMMETRIC DIELS-ALDER REACTIONS--NEW MODEL	122,639
1R01 NS26934-01	WOLFE, BARRY B	MOLECULAR PROPERTIES OF MUSCARINIC CHOLINERGIC RECEPTORS	75,623
INSTITUTION TOTAL	11		2,554,181
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1R01 CA48184-01	DE FREITAS, ELAINE C	ACTIVATION AND GROWTH REGULATION OF SEZARY T CELLS	204,031
1R01 HD25078-01	HOWE, CHIN C	TRANSCRIPTIONAL REGULATION IN DEVELOPMENT	198,793
1R01 AR39158-01A1	SPEICHER, DAVID W	DOMAIN STRUCTURE OF HUMAN SMOOTH MUSCLE FILAMIN	151,873
INSTITUTION TOTAL	3		554,697
CITY TOTAL	32		6,241,037

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
CHILDREN'S HOSPITAL OF PITTSBURGH			
1R29 CA47161-01A1	SCHOR, NINA F	OXYGEN RADICALS, NEUROTRANSMITTERS AND NEURAL TUMORS	73,680
INSTITUTION TOTAL	1		73,680
MAGEE-WOMEN'S HOSPITAL			
1R01 NS26793-01	SCHER, MARK S	COMPUTER ANALYSES OF EEG SLEEP IN PRETERM NEONATES	70,540
INSTITUTION TOTAL	1		70,540
MONTEFIORE HOSPITAL			
1R01 HD25272-01	KEEPING, HUGH S	INHIBIN GENE EXPRESSION IN TESTIS AND SERTOLI CELLS	118,127
INSTITUTION TOTAL	1		118,127
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1R01 AG07562-01A1	GANGULI, MARY	EPIDEMIOLOGY OF DEMENTIA--A PROSPECTIVE COMMUNITY STUDY	298,604
1R01 CA49114-01	GOLDFARB, RONALD H	NATURAL KILLER CELL PROTEOLYTIC ENZYMES/FUNCTIONAL ROLE	172,972
1R01 NS26777-01	HANKIN, MARK H	SURFACE AND TARGET INFLUENCED OPTIC AXON OUTGROWTH	79,784
1R01 AR39234-01A1	SANDLER, RIVKA B	MUSCLE STRENGTH AND POSTMENOPAUSAL BONE LOSS	225,775
1R01 DK39789-01A1	VAN THIEL, DAVID H	VITAMIN E AND NEUROLOGIC STATUS IN LIVER DISEASE	114,903
INSTITUTION TOTAL	5		892,038
CITY TOTAL	8		1,154,385
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK			
1R01 AG08375-01A1	AHERN, FRANK M	ALCOHOL & PRESCRIPTION DRUG INTERACTION IN THE ELDERLY	105,904
1R01 AG08055-01	SCHAE, K WARNER	LONGITUDINAL STUDIES OF ADULT COGNITIVE DEVELOPMENT	332,571
INSTITUTION TOTAL	2		438,475
CITY TOTAL	2		438,475
STATE TOTAL	45		8,036,531
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
1R13 GM40959-01	AISEN, PHILIP	METALS IN BIOLOGY-GORDON RESEARCH CONFERENCE-1989	3,000
1R13 CA49187-01	AUST, STEVEN D	1989 GRC OXYGEN RADICALS IN BIOLOGY	12,500
1R13 CA48663-01	PEGG, ANTHONY E	GORDON RESEARCH ON MAMMALIAN DNA REPAIR	3,000
INSTITUTION TOTAL	3		18,500

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	18,500	
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
1R01 NS26746-01	BOWEN, WAYNE D	ROLE OF SIGMA RECEPTORS IN MOVEMENT DISORDERS	142,822
INSTITUTION TOTAL	1	142,822	
CITY TOTAL	1	142,822	
STATE TOTAL	4	161,322	
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
1R01 DE03589-01A1	BOACKLE, ROBERT J	REGULATION OF THE FIRST COMPLEMENT COMPONENT BY SALIVA	146,595
1R01 HD25090-01	BOOCKFOR, FREDRIC R	SECRETORY FUNCTION OF INDIVIDUAL SERTOLI CELLS	107,207
1R01 HL42040-01	LINDENMAYER, GEORGE E	SODIUM/CALCIUM EXCHANGE ACROSS CARDIAC SARCOLEMMMA	180,792
1R01 GM41141-01	WALLE, THOMAS	SEX STEROID HORMONES--EFFECTS ON DRUG CLEARANCE IN MAN	114,177
INSTITUTION TOTAL	4	548,771	
CITY TOTAL	4	548,771	
COLUMBIA			
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA			
1R29 CA48990-01	PIRISI, LUCIA A	PAPILLOMAVIRUS TRANSFORMATION OF HUMAN KERATINOCYTES	92,578
1R01 HL40424-01A1	TERRACIO, LOUIS	CARDIAC HYPERTROPHY--ROLE OF THE EXTRACELLULAR MATRIX	170,258
INSTITUTION TOTAL	2	262,836	
CITY TOTAL	2	262,836	
STATE TOTAL	6	811,607	
TENNESSEE			
JOHNSON CITY			
STATE UNIVERSITY AND			
1R29 HD25143-01	COMMUNITY COLLEGE SYSTEM OF TENNESSEE--EAST TENNESSEE STATE UNIVERSITY		
1R01 NS22457-01A1	KNUDSEN, THOMAS B	ADENOSINE DEAMINASE--TARGET IN MOLECULAR TERATOGENESIS	98,384
	MIYAMOTO, MICHAEL D	SUBCELLULAR NEUROBIOLOGY OF TRANSMITTER RELEASE	88,669
INSTITUTION TOTAL	2	187,053	
CITY TOTAL	2	187,053	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

TENNESSEE

MEMPHIS

UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES
 1R29 GM38104-01A2 DI RUSSO, CONCETTA C FADR, MULTIFUNCTIONAL REGULATOR OF LIPID METABOLISM
 1R01 AI27486-01 HITCHCOCK, PENNY J H-8 ANTIGEN--VIRULENCE ASSOCIATED LIPOPROTEIN
 1R01 EY07938-01 JERNIGAN, HOWARD M, JR ORGANIC PHOSPHATE METABOLISM IN LENS STRESS AND CATARACT

INSTITUTION TOTAL

3 384,945

CITY TOTAL

3 384,945

NASHVILLE

MEHARRY MEDICAL COLLEGE

1R13 HL42393-01 ENWONWU, CYRIL O NUTRITION AND HYPERTENSION IN BLACKS
 18,533

INSTITUTION TOTAL

1 18,533

VANDERBILT UNIVERSITY

1R29 HL40396-01A1 ECHT, DEBRA S MODULATION OF VENTRICULAR DEFIBRILLATION BY DRUGS
 1R01 CA49052-01 HOLT, JEFFREY T FUNCTIONS OF C-FOS PROTEIN IN CELLULAR PHYSIOLOGY
 1R01 NS25150-01A1 NORDEN, JEANETTE J GROWTH-ASSOCIATED PROTEIN GAP-43 & SYNAPTIC PLASTICITY
 1R01 HD25286-01 ONG, DAVID E VITAMIN A TRANSPORT SYSTEMS
 1R01 GM41292-01 SODERLING, THOMAS R CALCIUM/CALMODULIN-DEPENDENT PROTEIN KINASE II
 1R29 GM41325-01 TAMKUN, MICHAEL M NA-K ATPASE ISOFORMS--FUNCTION AND LOCALIZATION

INSTITUTION TOTAL

6 737,525

CITY TOTAL

7 756,058

STATE TOTAL

12 1,328,056

TEXAS

AUSTIN

PRO-ED

1R43 HD25355-01 BRYANT, BRIAN R SCREENING AND TRAINING PHONOLOGICAL AWARENESS
 50,000

INSTITUTION TOTAL

1 50,000

UNIVERSITY OF TEXAS

SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN

1R01 CA49172-01 BLACKSTOCK, DAVID T ABSORPTION OF HIGH-INTENSITY ULTRASOUND IN TISSUE
 1R01 HL40695-01A1 KEHRER, JAMES P TOXICITY OF CARDIAC HYPOXIA AND REOXYGENATION

INSTITUTION TOTAL

2 104,435

CITY TOTAL

3 154,435

45,637
58,798

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
COLLEGE STATION			
TEXAS AGRICULTURAL	AND MECHANICAL UNIVERSITY SYSTEM--	TEXAS A & M UNIVERSITY AT COLLEGE STATION	
1R01 AG07805-01	GRIFFITH, WILLIAM H, III	PHYSIOLOGY OF CHOLINERGIC BASAL FOREBRAIN NEURONS	79,020
1P42 ES04917-01	SAFE, STEPHEN H	PROCEDURES TO ASSESS THE HAZARD OF A SUPERFUND SITE	557,150
INSTITUTION TOTAL	2		
CITY TOTAL	2		
DALLAS			
MIZE INFORMATION ENTERPRISE, INC.			
1R43 HD25354-01	MIZE, SUSAN G	REGISTERS OF INHERITED METABOLIC DISEASES	50,000
INSTITUTION TOTAL	1		
UNIVERSITY OF TEXAS			
1R29 GN39731-01A1	SYSTEM--UNIVERSITY OF TEXAS	SOUTHWESTERN MEDICAL CENTER AT DALLAS	
1R29 HD22993-01A2	BLATZ, ANDREW L	CALCIUM-ACTIVATED POTASSIUM CHANNELS IN SKELETAL MUSCLE	65,867
1R01 NS26899-01	FANT, MICHAEL E	REGULATION OF HUMAN PLACENTAL GROWTH BY IGFS	95,881
1R29 DK40734-01	LEBOVITZ, ROBERT M	POTASSIUM-MEDIATED IONIC COUPLING IN CNS--COMPUTER MODEL	57,080
1R01 GM41050-01	NEWGARD, CHRISTOPHER B	ALLOSTERIC REGULATION OF TISSUE-SPECIFIC PHOSPHORYLASES	83,796
1R01 AI27404-01	ROTH, MICHAEL G	ISOLATION OF CELLS DEFECTIVE IN SORTING GLYCOPROTEINS	124,272
1R01 GM41497-01	TIGELAAR, ROBERT E	HETEROGENEITY OF THY-1+ CELLS IN EPIDERMIS	158,367
	TUCKER, PHILIP W	EXPRESSION OF T CELL RECEPTOR GAMMA AND DELTA CHAINS	96,585
INSTITUTION TOTAL	7		
CITY TOTAL	8		
FORT WORTH			
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE			
1R01 HL35433-01A3	QUIST, EUGENE E	REGULATION OF CARDIAC FUNCTION BY MUSCARINIC	116,765
INSTITUTION TOTAL	1		
CITY TOTAL	1		
GALVESTON			
UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	MEDICAL BRANCH	
1R29 ES04952-01	POSTLETHWAIT, EDWARD M	DETERMINANTS OF PULMONARY NO2 SURFACE INTERACTIONS	108,173
INSTITUTION TOTAL	1		
CITY TOTAL	1		

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1R01 GM40922-01	ALLIS, CHARLES D	INFLUENCE OF HISTONE H1 AND HMGS ON GENE EXPRESSION	176,704
1R29 AI24490-01A2	CHAPPELL, CYNTHIA L	DIAGNOSIS OF SCHISTOSOMIASIS WITH A PARASITE PROTEINASE	113,185
1R01 GM41064-01	CHIU, WAH	STRUCTURAL STUDIES OF ROTAVIRUSES	246,506
1R01 DK41113-01	GABBAY, KENNETH H	AIDS IN INFANTS & CHILDREN--ENDOCRINE & WASTING ASPECTS	224,772
1R01 CA49127-01	LEVINE, ALAN E	AUTOCRINE ROLE OF TRANSFORMING GROWTH FACTOR	101,083
1R01 HD24875-01	SORIANO, PHILIPPE M	RETROVIRUSES AS PROBES FOR DEVELOPMENT	169,146
1R29 DK39552-01A1	SUSSMAN, NORMAN L	BIOSYNTHESIS OF LIVER ALKALINE PHOSPHATASE	118,156

INSTITUTION TOTAL	7	1,149,552	
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UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	HEALTH SCIENCE CENTER AT HOUSTON	
1R01 EY07142-01A1	DAIGER, STEPHEN P	DNA LINKAGE STUDIES OF DEGENERATIVE RETINAL DISEASES	179,423
1R01 GM41232-01	ROSEVEAR, PAUL R	STRUCTURE-ACTIVITY--AMINOACYL-TRNA SYNTHETASES	168,949

INSTITUTION TOTAL	2	348,372	
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UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	SYSTEM CANCER CENTER	
1R29 CA48922-01	ALDAZ, CLAUDIO M	CHROMOSOMAL ABNORMALITIES IN RAT MAMMARY CARCINOGENESIS	86,458
1R01 HD25235-01	CARSON, DANIEL D	BIOCHEMISTRY OF UTERINE HEPARAN SULFATE RECEPTORS	116,968
1R01 CA43544-01A2	MURRAY, JAMES L	OPTIMIZATION OF MONOCLONAL ANTIBODY LOCALIZATION	109,389
1R01 AI24669-01A2	PLATSOUCAS, CHRIS D	HYBRIDOMA-DERIVED HUMAN SUPPRESSOR FACTORS	101,095
1R29 CA48672-01	TUCKER, SUSAN L	EVALUATION OF PREDICTORS OF TUMOR RESPONSE TO RADIATION	83,946
1R01 CA47342-01A1	WALASZEK, ZBIGNIEW	MECHANISM OF GLUCARATE INHIBITION OF MAMMARY CANCER	111,112
1R01 AI28283-01	WONG, PAUL K Y	RETROVIRUS-INDUCED IMMUNE & NEURAL DISORDERS-AIDS MODEL	174,281

INSTITUTION TOTAL	7	783,249	
CITY TOTAL	16	2,281,173	

RICHARDSON	SYSTEM--UNIVERSITY OF TEXAS AT DALLAS	PURIFICATION OF TYROSINE PHOSPHOPROTEINS	
1R29 CA47098-01A1	BURR, JOHN G		83,046

INSTITUTION TOTAL	1	83,046	
CITY TOTAL	1	83,046	

SAN ANTONIO	FOR BIOMEDICAL RESEARCH		
SOUTHWEST FOUNDATION	HILLIARD, JULIA K	HERPES B VIRUS DIAGNOSTIC LABORATORY--NATIONAL RESPONSE	96,716
1P40 RR05062-01			

INSTITUTION TOTAL	1	96,716	
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NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
SAN ANTONIO			
UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	HEALTH SCIENCE CENTER AT SAN ANTONIO	
1P01 DE08569-01	HOLT, STANLEY C	MODULATORS OF BONE CELL FUNCTION IN ORAL DISEASE	538,729
1R01 CA49401-01	MARSHALL, MILTON V	TOBACCO PRODUCTS AND ORAL CAVITY CANCER	143,598
INSTITUTION TOTAL	2	682,327	
CITY TOTAL	3	779,043	
TYLER			
UNIVERSITY OF TEXAS	SYSTEM--UNIVERSITY OF TEXAS	HEALTH CENTER AT TYLER	
1R01 AI26386-01A1	PAINTER, RICHARD G	REGULATION OF NEUTROPHIL CHEMOTAXIS IN INFLAMMATION	103,717
INSTITUTION TOTAL	1	103,717	
CITY TOTAL	1	103,717	
STATE TOTAL	36	4,994,370	
UTAH			
LOGAN			
UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY		BIOLOGICAL HAZARDOUS WASTE MANAGEMENT	
1P42 ES04922-01	AUST, STEVEN D		573,595
INSTITUTION TOTAL	1	573,595	
CITY TOTAL	1	573,595	
SALT LAKE CITY			
FFFRACTIONATION, INC.		FLOW/STERIC FFF--A NEW METHOD FOR CELL SEPARATIONS	
1R43 HL40724-01A1	BARMAN, BHAJENDRA N		49,950
INSTITUTION TOTAL	1	49,950	
ROCKY MOUNTAIN RESEARCH, INC.			
1R43 GM41558-01	ORIH, JEFFREY L	DEVELOPMENT OF AN ANESTHESIA WORKSTATION	44,887
INSTITUTION TOTAL	1	44,887	
TOPICAL TESTING, INC.			
1R43 NS26957-01	HORCH, KENNETH W	AUTOMATED EVALUATION OF NEUROLOGICAL FUNCTION	50,000
1R43 NS26953-01	TUCKEIT, ROBERT P	QUANTITATIVELY CONTROLLED EXPERIMENTAL PRURITUS	50,000
INSTITUTION TOTAL	2	100,000	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1R01 HL41553-01	BECKERLE, MARY C	FUNCTION OF TALIN IN PLATELETS	96,286
1R01 AI27692-01	BROOM, ARTHUR D	POLYNUCLEOTIDES AS ANTI-AIDS AGENTS	122,606
1R01 AI27101-01	MC GEE, ZELL A	MECHANISMS OF PARASITE-DIRECTED ENDOCYTOSIS	102,139
1R29 CA49275-01	MORTON, KATHRYN A	TUMOR IMAGING WITH NUCLIDES THAT BIND TO METALLOTHIONEIN	110,332
1R29 HL41777-01	PANTALÓS, GEORGE M	ENERGETIC COMPARISON OF VENTRICULAR ASSIST TECHNIQUES	127,962
1R29 AR39021-01A1	PERSHING, LYNN K	PERCUTANEOUS ABSORPTION AND METABOLISM IN HUMAN SKIN	87,962
1R03 DE07847-01A1	POWELL, G LYNN	ARGON LASERS IN DENTISTRY-SAFETY PARAMETERS FOR TEETH	21,982
1R29 GM40905-01	THUMMEL, CARL S	ECDYSONE REGULATED GENES IN DROSOPHILA	33,644
INSTITUTION TOTAL 8 702,913			
CITY TOTAL 12 897,750			
STATE TOTAL 13 1,471,345			
VERMONT			
BURLINGTON			
POINTER SYSTEMS, INC.			
1R43 NS26965-01	HANSEN, PER K	DEVELOPMENT OF A CORDLESS COMPUTER INPUT DEVICE	50,000
INSTITUTION TOTAL 1 50,000			
CITY TOTAL 1 50,000			
ESSEX JUNCTION			
HAEMATOLOGIC TECHNOLOGIES, INC.			
1R43 HL42232-01	JENNY, RICHARD	SELECTIVE CAPTURE AND QUANTITATION OF SERINE PROTEASES	50,000
INSTITUTION TOTAL 1 50,000			
CITY TOTAL 1 50,000			
STATE TOTAL 2 100,000			
VIRGINIA			
CHARLOTTESVILLE			
HUMAGEN INCORPORATED			
1R43 HD25359-01	BRYANT, DEBRA L	OPTIMIZATION AND EVALUATION OF AN ACROSOME ASSAY	50,000
INSTITUTION TOTAL 1 50,000			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1R01 HL41899-01	GOMEZ, ROBERTO A	REGULATION OF RENIN SYNTHESIS AND RELEASE IN THE KIDNEY	127,168

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

VIRGINIA

CHARLOTTESVILLE

UNIVERSITY OF VIRGINIA CHARLOTTESVILLE

1R29 DK40027-01A1 MITTAL, RAVINDER K
1P01 DK40031-01A1 QUESENBERRY, PETER J
1R01 HL42057-01 ROBERTS, ROBERT J
1R01 DK41077-01 STURGILL, THOMAS W
1R01 GM41105-01 SUNDBERG, RICHARD J

INSTITUTION TOTAL 6 1,336,044
CITY TOTAL 7 1,386,044

THE DIAPHRAGM--AN EXTERNAL LOWER ESOPHAGEAL SPHINCTER
HEMOLYMPHOPOIETIC GROWTH FACTORS
ROLE OF DIFFUSIBLE CYTOTOXINS IN O2-INDUCED LUNG INJURY
REGULATION AND FUNCTION OF INSULIN STIMULATED MAP KINASE
ANALOGS OF ANTINEOPLASTIC INDOLE ALKALOIDS

93,350
705,911
141,740
158,972
108,903

NORFOLK

EASTERN VIRGINIA MEDICAL AUTHORITY--EASTERN VIRGINIA

1R01 HL41776-01 WHITE, HOWARD D

INSTITUTION TOTAL 1 144,135
CITY TOTAL 1 144,135

MEDICAL SCHOOL
MECHANISM OF CARDIAC ACTOMYOSIN NTP HYDROLYSIS

144,135

RICHMOND

VIRGINIA COMMONWEALTH UNIVERSITY

1R01 AI27091-01 ADLER, STUART P
1P01 NS25630-01A1 DE LORENZO, ROBERT J
1R01 HL41788-01 ELLIS, EARL F
1R01 NS24933-01A2 HARRIS, ROBERT B
1R01 DK40986-01 HYLEMON, PHILLIP B
1R29 AI25044-01A1 KAWABATA, THOMAS T
1R01 GM41343-01 KRUMMEL, THOMAS M
1R29 HL3881-01A1 REHR, ROGER B
1R01 AI27517-01 SCHWARTZ, LAWRENCE B

INSTITUTION TOTAL 9 2,090,737
CITY TOTAL 9 2,090,737

EPIDEMIOLOGY OF HUMAN PARVOVIRUS B19
MEDICAL COLLEGE OF VIRGINIA EPILEPSY RESEARCH CENTER
OMEGA-3 FATTY ACIDS AND THE CEREBRAL CIRCULATION
PROCESSING HYPOTHALAMIC PEPTIDE HORMONES
MOLECULAR BIOLOGY OF INTESTINAL BILE SALT METABOLISM
MECHANISM OF CYCLOPHOSPHAMIDE-INDUCED IMMUNOENHANCEMENT
FETAL WOUND REPAIR--CELLULAR AND BIOCHEMICAL MECHANISMS
MECHANISMS OF POST-ISCHEMIC CARDIAC DYSFUNCTION
CHARACTERIZATION OF DIFFERENT TYPES OF HUMAN MAST CELLS

227,324
958,442
192,064
98,922
118,007
95,781
139,156
95,494
165,547

STATE TOTAL 17 3,620,916

WASHINGTON

BOTHELL

FAILURE ANALYSIS ASSOCIATES

1R43 DE08905-01 WANG, RONG

INSTITUTION TOTAL 1 50,000
CITY TOTAL 1 50,000

LOW NOBLE METAL CONTENT DUPLEX DENTAL ALLOYS

50,000

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

WASHINGTON
PULLMAN

SCIENTECH, INC.
1R43 GM41518-01

KNORR, FRITZ J

INSTITUTION TOTAL 1 49,958

WASHINGTON STATE UNIVERSITY

1R01 CA46885-01A1
1R01 AI27180-01

HOSICK, HOWARD L
MALLAVIA, LOUIS P

ION MOBILITY DETECTOR FOR CAPILLARY ZONE ELECTROPHORESIS

49,958

ROLE OF MESENCHYME IN MAMMARY TUMOR PROGRESSION
CELL MEDIATED IMMUNE RESPONSE TO C. BURNETTI ISOLATES

124,503
154,104

INSTITUTION TOTAL 2 278,607
CITY TOTAL 3 328,565

RICHLAND

STIRLING TECHNOLOGY COMPANY

1R01 HL42304-01

WHITE, MAURICE A

INVESTIGATION OF THERMAL VENTRICULAR ASSIST SYSTEM, TVAS

891,821

INSTITUTION TOTAL 1 891,821
CITY TOTAL 1 891,821

SEATTLE

FRED HUTCHINSON CANCER RESEARCH CENTER

1R29 GM41073-01
1R01 CA49259-01
1R01 HL41212-01
1R29 AR39722-01

BREEDEN, LINDA L
CARTER, WILLIAM G
MILLER, ARTHUR D
PRIESS, JAMES R, JR

CELL CYCLE REGULATION OF THE YEAST HO GENE
EXTRACELLULAR MATRIX RECEPTORS IN TISSUE MORPHOGENESIS
HEMOPHILIA TREATMENT BY CLOTTING FACTOR GENE TRANSFER
MUSCLE CELL DETERMINATION IN C. ELEGANS EMBRYOS

97,469
142,428
115,331
106,189

INSTITUTION TOTAL 4 461,417

UNIVERSITY OF WASHINGTON

1R01 DK41934-01
1R01 DE09065-01
1R01 NS26840-01
1R29 CA47430-01A1
1R01 HL42119-01
1R01 GM39610-01
1R01 DE07889-01A1
1R01 ES04978-01
1R01 AG08419-01
1R29 EY07991-01
1R01 HD25069-01
1R01 LM04925-01

ABKOWITZ, JANIS L
ANDERSON, LEIGH C
BINDER, MARC D
EARY, JANET F
GORDON, DAVID
JENSEN, LYLE H
KIYAK, H ASUMAN
OMIECINSKI, CURTIS J
RASKIND, MURRAY A
ROBINSON, FARREL R, JR
ROSSE, CORNELIUS
ROSSE, CORNELIUS

MARROW SUPPRESSION FROM A LENTIVIRUS
DIABETES AND SALIVARY GLAND FUNCTION
ANALYSIS OF EFFECTIVE SYNAPTIC CURRENTS IN MOTONEURONS
QUANTITATION OF RADIOLABELED ANTIBODY DISTRIBUTION
PROLIFERATION AND GROWTH FACTORS IN ATHEROSCLEROSIS
CRYSTALLOGRAPHIC STUDIES OF IRON SULFUR PROTEINS
COGNITIVE & BEHAVIORAL METHODS FOR GERIATRIC ORAL HEALTH
MOLECULAR TOXICOLOGY OF EPOXIDE HYDROLASE
PSYCHOPATHOLOGY OF ALZHEIMER'S-PSYCHONEUROENDOCRINOLOGY
ROLE OF THE INFERIOR OLIVE IN VOR ADAPTATION
POSTNATAL HEMATOGENOUS & INTRATHYMIC T CELL PROGENITORS
IMAGE-BASED KNOWLEDGE SYSTEM IN ANATOMY

147,190
134,661
48,956
88,534
176,437
55,339
140,486
170,459
156,127
79,097
189,912
151,117

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON 1R29 AR39677-01	YABLONKA-REUVENI, ZIPORA	SKELETAL MUSCLE SATELLITE CELL	107,646
INSTITUTION TOTAL	13		
VIRGINIA MASON RESEARCH CENTER 1R29 DK40964-01	KWOK, WILLIAM	MOLECULAR ANALYSIS OF THE IDDM ASSOCIATED HLA-DQ3-2 GENE	99,950
INSTITUTION TOTAL	1		
CITY TOTAL	18		
STATE TOTAL	23		
WEST VIRGINIA MORGANTOWN WEST VIRGINIA UNIVERSITY 1R01 AR39708-01	BURR, DAVID B	PREVENTION OF STRESS FRACTURES IN BONE	110,359
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
WISCONSIN MADISON DNASTAR, INC. 1R43 GM41539-01	SCHROEDER, JOHN L	ARTIFICIAL INTELLIGENCE SYSTEM FOR ANALYSIS OF PROTEINS	50,000
INSTITUTION TOTAL	1		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1R01 AI27318-01	BLATTNER, FREDERICK R	ENGINEERED MUTATION OF THE ANTIBODY GENES	252,391
1R29 NS26621-01	DEJESUS, ONOFRE T	NON-CATECHOLIC L-DOPA ANALOGS	91,791
1R29 HL41845-01	FIELDS, BARRY L	EXTENDED HEART PRESERVATION WITH UW SOLUTION	93,364
1R01 EY08012-01	KLEIN, BARBARA E	NUTRITIONAL FACTORS IN AGE RELATED OCULAR DISORDERS	149,880
1R01 HL41914-01	LIEDTKE, A JAMES	TRACER KINETICS EVALUATING POSITRON TOMOGRAPHY	204,539
1R29 CA48902-01	MACKIE, THOMAS R	RADIATION DOSE CALCULATION USING CONVOLUTION	83,535
1R01 NS26850-01	MILETIC, VJEKOSLAV	MEDIAL THALAMIC MECHANISMS OF NOCICEPTION	78,411
1R01 GM41131-01	PETERSON, RICHARD E	TOXICOLOGY OF PERFLUORINATED FATTY ACID-LIPID CONJUGATES	192,501
1R29 HD24094-01A1	SHEFFIELD, LEWIS G	ROLE OF EGF IN MAMMARY GLAND DEVELOPMENT	63,589
INSTITUTION TOTAL	9		
CITY TOTAL	10		

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MILWAUKEE			
AMERICAN ACADEMY OF ALLERGY AND IMMUNOLOGY			
1R13 AI27654-01	MCNEIL, DONALD L	XIII INTERNATIONAL CONGRESS OF ALLERGOLOGY-TRAVEL GRANT	5,000
INSTITUTION TOTAL	1		5,000
MARQUETTE UNIVERSITY			
1R13 HL42315-01	HARRIS, GERALD F	SPECIAL SYMPOSIUM ON MATURING TECHNOLOGIES	10,000
INSTITUTION TOTAL	1		10,000
MEDICAL COLLEGE OF WISCONSIN			
1R29 HL39712-01A1	CLIFFORD, PHILIP S	RESPIRATORY CONTROL DURING EXERCISE	112,164
1R01 DK41015-01	FINDLING, JAMES W	ADRENOCORTICAL CONTROL IN PATIENTS WITH HIV INFECTION	42,068
1R01 HL40563-01A1	FUNDERBURG, FIONA M	MESENCHYMAL CELL MIGRATION DURING CARDIAC MORPHOGENESIS	138,249
1P01 CA49089-01	GIROTTI, ALBERT W	MECHANISMS OF MERCYANINE-MEDIATED PHOTOTHERAPY	409,230
1R01 HL40137-01A1	OSBORN, JEFFREY L	SODIUM INTAKE AND NEURAL CONTROL OF ARTERIAL PRESSURE	99,582
INSTITUTION TOTAL	5		271,759
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
1R01 NR02214-01	RIESCH, SUSAN K	PREPARING TO PARENT THE ADOLESCENT	
INSTITUTION TOTAL	1		271,759
CITY TOTAL	8		1,088,052
STATE TOTAL	18		2,348,053
WYOMING			
LARAMIE			
UNIVERSITY OF WYOMING			
1R01 AI23996-01A3	VILLEMEZ, CLARENCE L, JR	TOWARD A PROTOZOAN IMMUNOTOXIN	104,803
INSTITUTION TOTAL	1		104,803
CITY TOTAL	1		104,803
STATE TOTAL	1		104,803
PUERTO RICO			
PONCE			
SCHOOL OF MEDICINE			
1R01 HD26032-01	KLINE, DOUGLAS W	CELLULAR MESSENGERS AT FERTILIZATION IN MAMMALIAN EGGS	157,725
INSTITUTION TOTAL	1		157,725

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	157,725	
STATE TOTAL	1	157,725	
CANADA			
VANCOUVER			
UNIVERSITY OF BRITISH COLUMBIA			
1R01 AI27209-01	SACKS, STEPHEN L	RADIOIODINATED ANTIVIRALS AS DIAGNOSTIC AGENTS	72,309
INSTITUTION TOTAL	1	72,309	
CITY TOTAL	1	72,309	
WINNIPEG			
UNIVERSITY OF MANITOBA			
1R01 HL41614-01	POLIMENI, PHILIP I	DRAG-REDUCING POLYMERS APPLIED TO CARDIOVASCULAR DISEASE	32,637
INSTITUTION TOTAL	1	32,637	
CITY TOTAL	1	32,637	
STATE TOTAL	2	104,946	
ISRAEL			
JERUSALEM			
HADASSAH UNIVERSITY HOSPITAL			
1R01 DK38696-01A2	SILVER, JUSTIN	REGULATION OF PARATHYROID HORMONE AND CALCITONIN GENES	62,650
INSTITUTION TOTAL	1	62,650	
CITY TOTAL	1	62,650	
STATE TOTAL	1	62,650	
MEXICO			
MEXICO			
NATIONAL POLYTECHNIC INSTITUTE			
1R01 NS26127-01A1	RAMON, FIDEL	PHYSIOLOGICAL CONTROL OF INTERCELLULAR COUPLING	79,766
INSTITUTION TOTAL	1	79,766	
CITY TOTAL	1	79,766	
STATE TOTAL	1	79,766	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

UNITED KINGDOM

CANTERBURY

UNIVERSITY OF KENT AT CANTERBURY

1R01 NS27418-01

CARDEN, MARTIN J

INSTITUTION TOTAL
CITY TOTAL

1
1

43,896
43,896

NEUROFILAMENT STRUCTURE/FUNCTION--MOLECULAR APPROACH

43,896

LONDON

MEDICAL RESEARCH COUNCIL

1R01 GM41449-01

UNWIN, PETER N

INSTITUTION TOTAL
CITY TOTAL

1
1

98,396
98,396

STATE TOTAL

2

142,292

3-D DESIGN AND ACTION OF CELL MEMBRANE CHANNELS

98,396

TOTAL

714

104,298,654

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1N01 HD92900-00	LASLEY, BILL	PRIMATE TESTING FACILITY	345,045
INSTITUTION TOTAL	1		345,045
CITY TOTAL	1		345,045
OAKLAND			
CHILDREN'S HOSPITAL MEDICAL CENTER OF NORTHERN CALIFORNIA			
1N01 HB97054-00	VICHINSKY, ELLIOTT	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	72,351
INSTITUTION TOTAL	1		72,351
CITY TOTAL	1		72,351
STATE TOTAL	2		417,396
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
1N01 HB97072-00	PEARSON, HAROLD	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	47,792
INSTITUTION TOTAL	1		47,792
CITY TOTAL	1		47,792
STATE TOTAL	1		47,792
DIST OF COL			
WASHINGTON			
CHILDREN'S HOSPITAL NATIONAL MEDICAL CENTER			
1N01 HB97055-00	BRAY, GORDON L	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	27,998
INSTITUTION TOTAL	1		27,998
HOWARD UNIVERSITY			
1N01 HB97061-00	SCOTT, ROLAND	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	61,481
INSTITUTION TOTAL	1		61,481
CITY TOTAL	2		89,479
STATE TOTAL	2		89,479

		NIH RESEARCH CONTRACTS		
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK		DOLLARS AWARDED
FLORIDA				
CORAL GABLES				
UNIVERSITY OF MIAMI				
1N01 HB97064-00	PEGELOW, CHARLES			191,542
INSTITUTION TOTAL	1			
CITY TOTAL	1			191,542
STATE TOTAL	1			191,542
GEORGIA				
AUGUSTA				
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA				
1N01 HB97060-00	MILNER, PAUL			84,586
INSTITUTION TOTAL	1			84,586
CITY TOTAL	1			84,586
STATE TOTAL	1			84,586
ILLINOIS				
CHICAGO				
UNIVERSITY OF ILLINOIS AT CHICAGO				
1N01 HB97053-00	JOHNSON, F LEONARD			44,791
1N01 HB97062-00	KOSHY, MABEL			191,471
INSTITUTION TOTAL	2			
CITY TOTAL	2			236,262
STATE TOTAL	2			236,262
MARYLAND				
BETHESDA				
INTERNATIONAL BUSINESS MACHINES CORPORATION				
1N01 LM93504-00	CAPALBO, FRANK J			750,000
INSTITUTION TOTAL	1			750,000
CITY TOTAL	1			750,000
ROCKVILLE				
AMERICAN TYPE CULTURE COLLECTION				
1N01 AI95011-00	MCCLINTOCK, PATRICK A			305,265
INSTITUTION TOTAL	1			305,265
VALUE-ADDED NETWORK SERVICES				
750,000				
HYBRIDOMA CELL LINES AND HYBRIDOMA DATA BANK				
305,265				

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND ROCKVILLE ATLIS SYSTEMS, INC. 1N01 LM93509-00	COLBERT, MELISSA R	EDITING AND KEYBOARDING SERVICES	474,849
INSTITUTION TOTAL	1		474,849
PROSPECT ASSOCIATES, LTD. 1N01 DK92242-00 1N01 AR92200-00	MELNICK, ELAINE SHEA, JOHN M	SUPPORT FOR NATIONAL ADVISORY BOARDS AND COMMITTEES SUPPORT SERVICES/NATIONAL ARTHRITIS ADVISORY BOARD	476,153 303,281
INSTITUTION TOTAL	2		779,434
TECHNICAL RESOURCES, INC. 1N01 C094389-00	PENNINGTON, JAMES L	CANCER INFORMATION PROCESSING PDQ INFORMATION SYSTEM	163,563
INSTITUTION TOTAL	1		163,563
WESTAT, INC. 1N01 HD92901-00	SCHRIEBER, GEORGE	SMOKING TRIAL OF PREGNANT WOMEN	230,462
INSTITUTION TOTAL	1		230,462
CITY TOTAL	6		1,953,573
STATE TOTAL	7		2,703,573
MASSACHUSETTS ESSEX SCANDITRONIX, INC. 1N01 CL92100-00	WEBSTER, WAYNE	PET SCANNER--BRAIN MODEL PC2048-15B	1,920,200
INSTITUTION TOTAL	1		1,920,200
CITY TOTAL	1		1,920,200
STATE TOTAL	1		1,920,200
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1N01 AI95015-00	CORNELL, RICHARD G	DATA COORDINATING CTR/HETEROSEXUAL TRANSMISSION OF HIV	451,943
INSTITUTION TOTAL	1		451,943
CITY TOTAL	1		451,943
STATE TOTAL	1		451,943

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1N01 CB95613-00	MANDEL, JACK	PERIODIC SCREENING FOR OCCULT STOOL BLOOD	2,071,026
INSTITUTION TOTAL			
CITY TOTAL	1	2,071,026	
STATE TOTAL			
	1	2,071,026	
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1N01 HB97071-00	ZARKOWSKY, HAROLD	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	91,384
INSTITUTION TOTAL			
CITY TOTAL	1	91,384	
STATE TOTAL			
	1	91,384	
NEW JERSEY			
CAMDEN			
CORIELL INSTITUTE FOR MEDICAL RESEARCH			
1N01 GM92102-00	MULIVOR, RICHARD A	HUMAN GENETIC MUTANT CELL REPOSITORY	1,008,557
INSTITUTION TOTAL			
CITY TOTAL	1	1,008,557	
NEWARK			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1N01 AI95013-00	WEISS, STANLEY H	HETEROSEXUAL TRANSMISSION OF HIV RETROVIRAL INFECTIONS	2,081,439
INSTITUTION TOTAL			
CITY TOTAL	1	2,081,439	
STATE TOTAL			
	2	3,089,996	
NEW YORK			
ALBANY			
STATE UNIVERSITY OF NEW YORK AT ALBANY			
1N01 AI95014-00	LANDESMAN, SHELDON	HETEROSEXUAL TRANSMISSION OF HIV RETROVIRAL INFECTIONS	1,329,035
INSTITUTION TOTAL			
	1	1,329,035	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	1,329,035	
NEW YORK			
NEW YORK			
ST. LUKE'S-ROOSEVELT HOSPITAL CENTER			
1N01 HB97067-00	WETHERS, DORIS	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	71,592
INSTITUTION TOTAL	1	71,592	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN			
1N01 HB97068-00	GILLETTE, PETER N	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	34,459
1N01 HB97069-00	MILLER, SCOTT	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	130,584
INSTITUTION TOTAL	2	165,043	
CITY TOTAL	3	236,635	
STATE TOTAL	4	1,565,670	
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
1N01 HB97059-00	ROSSE, WENDELL	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	80,586
INSTITUTION TOTAL	1	80,586	
CITY TOTAL	1	80,586	
RESEARCH TRIANGLE PARK			
RESEARCH TRIANGLE INSTITUTE			
1N01 ES95255-00	PRICE, CATHERINE J	DEVELOPMENTAL TOXICITY TESTING AND RESEARCH--TASK II	911,304
INSTITUTION TOTAL	1	911,304	
CITY TOTAL	1	911,304	
STATE TOTAL	2	991,890	
OHIO			
COLUMBUS			
AMERICAN CHEMICAL SOCIETY--CHEMICAL ABSTRACTS SERVICE			
1N01 LM93508-00	BROWN, CARTER N	CHEMICAL ABSTRACTS SERVICES REGISTRY SERVICE	180,000
INSTITUTION TOTAL	1	180,000	
CITY TOTAL	1	180,000	

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
STATE TOTAL	1	180,000	
PENNSYLVANIA			
LANCASTER			
INFORMATION SYSTEMS TECHNOLOGY CORPORATION			
1N01 LM93501-00	CHUN, PAUL L	COMPUTER PROGRAMMING SUPPORT FOR BINDING & GAPPING	74,641
INSTITUTION TOTAL	1	74,641	
CITY TOTAL	1	74,641	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
1N01 HB97056-00	OHENE-FREMPPONG, KWAKU	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	41,849
INSTITUTION TOTAL	1	41,849	
CITY TOTAL	1	41,849	
STATE TOTAL	2	116,490	
TENNESSEE			
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
1N01 HB97066-00	WANG, WINFRED	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	46,485
INSTITUTION TOTAL	1	46,485	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
1N01 HB97070-00	MAUER, ALVIN M	INVESTIGATION OF SELECTED PATIENT GROUPS FROM THE CSSCD	55,408
INSTITUTION TOTAL	1	55,408	
CITY TOTAL	2	101,893	
STATE TOTAL	2	101,893	
VIRGINIA			
HERNDON			
EXPERIMENTAL PATHOLOGY LABORATORIES			
1N01 ES95254-00	HARDISTY, JERRY F	PATHOLOGY SUPPORT FOR THE NTP, PATHOLOGY QA	979,383
INSTITUTION TOTAL	1	979,383	
CITY TOTAL	1	979,383	

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER PROJECT DIRECTOR

SCOPE OF WORK

289,000

VIRGINIA
RESTON
TELENET COMMUNICATIONS CORPORATION
IN01 LM93502-00 BROOME, PAMELA

VALUE-ADDED NETWORK SERVICES

INSTITUTION TOTAL 1 289,000
CITY TOTAL 1 289,000

VIENNA
TYMSHARE, INC.-TYMNET, INC.
IN01 LM93503-00 SMITH, MARJORIE

855,000

VALUE-ADDED NETWORK SERVICES

INSTITUTION TOTAL 1 855,000
CITY TOTAL 1 855,000

STATE TOTAL 3 2,123,383

TOTAL 36 16,474,505

NIH
RESEARCH TRAINING GRANTS

DOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA LOS ANGELES UNIVERSITY OF SOUTHERN CALIFORNIA 1T32 AG00192-01	BIRREN, JAMES E	RESEARCH TRAINING IN MENTAL HEALTH AND AGING	70,256
INSTITUTION TOTAL	1		70,256
CITY TOTAL	1		70,256

SANTA CRUZ SOCIETY FOR THE ADVANCEMENT OF CHICANOS AND NATIVE AMERICANS IN SCIENCE 1T36 GM08285-01	CASTRO, GEORGE	SOCIETY FOR ADVANCEMENT OF CHICANOS AND NATIVE AMERICANS	132,373
INSTITUTION TOTAL	1		132,373
CITY TOTAL	1		132,373
STATE TOTAL	2		202,629
TOTAL	2		202,629

DOLLARS
AWARDED

997,315

612,000

795,297

996,983

985,000

346,850
595,125
137,900NIH
CONSTRUCTION GRANTS

PURPOSE OF GRANT

RESPONSIBLE OFFICIAL

GRANT NUMBER

ALABAMA					
BIRMINGHAM					
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM					
1G20 RR05108-01	DURANT, JOHN R				
INSTITUTION TOTAL	1	997,315			
CITY TOTAL	1	997,315			
STATE TOTAL	1	997,315			
CALIFORNIA					
DAVIS					
UNIVERSITY OF CALIFORNIA AT DAVIS					
1G20 RR05142-01	RHODE, EDWARD A				
INSTITUTION TOTAL	1	612,000			
CITY TOTAL	1	612,000			
LA JOLLA					
MEDICAL BIOLOGY INSTITUTE					
1G20 RR05226-01	MOSIER, DONALD E				
INSTITUTION TOTAL	1	795,297			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO					
1G20 RR05141-01	BURROW, GERARD N				
INSTITUTION TOTAL	1	996,983			
CITY TOTAL	2	1,792,280			
SAN FRANCISCO					
SAN FRANCISCO PUBLIC HEALTH DEPARTMENT					
1G20 RR05189-01	BACK, ARTHUR F				
INSTITUTION TOTAL	1	985,000			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO					
1G20 RR05180-01	GREENE, JOHN C				
1G20 RR05131-01	SCHMID, RUDI				
1G20 RR05229-01	SCHMID, RUDI				
INSTITUTION TOTAL	3	1,079,875			
CITY TOTAL	4	2,064,875			

NIH
CONSTRUCTION GRANTS

DOLLARS
AWARDED

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	
STATE TOTAL	7	4,469,155	
COLORADO			
DENVER HEALTH AND HOSPITALS DEPARTMENT			
JUDSON, FRANKLYN N			
1G20 RR05133-01			
INSTITUTION TOTAL	1	400,878	
CITY TOTAL	1	400,878	
STATE TOTAL	1	400,878	400,878
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
FORGET, BERNARD G			
1G20 RR05185-01			
INSTITUTION TOTAL	1	876,957	
CITY TOTAL	1	876,957	
STATE TOTAL	1	876,957	876,957
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
FISCHL, MARGARET			
1G20 RR05167-01			
INSTITUTION TOTAL	1	406,395	
CITY TOTAL	1	406,395	
STATE TOTAL	1	406,395	406,395
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
KING, FREDERICK A			
1G20 RR05224-01			
INSTITUTION TOTAL	1	888,000	
CITY TOTAL	1	888,000	
STATE TOTAL	1	888,000	888,000

DOLLARS
AWARDED

NIH
CONSTRUCTION GRANTS

PURPOSE OF GRANT

AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION

168,079

GRANT NUMBER RESPONSIBLE OFFICIAL

ILLINOIS

CHICAGO

RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER

1G20 RR05184-01 RUSSE, HENRY P

INSTITUTION TOTAL 1 168,079

CITY TOTAL 1 168,079

STATE TOTAL 1 168,079

INDIANA

INDIANAPOLIS

INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS

1G20 RR05136-01 MERRITT, DORIS H

INSTITUTION TOTAL 1 368,483

CITY TOTAL 1 368,483

STATE TOTAL 1 368,483

368,483

LOUISIANA

NEW ORLEANS

TULANE UNIVERSITY OF LOUISIANA

1G20 RR05169-01 GERONE, PETER J

INSTITUTION TOTAL 1 603,123

CITY TOTAL 1 603,123

STATE TOTAL 1 603,123

603,123

MARYLAND

BALTIMORE

JOHNS HOPKINS UNIVERSITY

1G20 RR05156-01 BLAKE, DAVID A

1G20 RR05197-01 SORENSEN, ANDREW

INSTITUTION TOTAL 2 2,000,000

CITY TOTAL 2 2,000,000

STATE TOTAL 2 2,000,000

1,000,000

1,000,000

NIH
CONSTRUCTION GRANTSDOLLARS
AWARDED

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
1G20 RR05178-01	FINEBERG, HARVEY V	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	1,000,000
INSTITUTION TOTAL	1	1,000,000	

NEW ENGLAND DEACONESS HOSPITAL			
1G20 RR05139-01	MOELLERING, ROBERT C	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	305,078
INSTITUTION TOTAL	1	305,078	
CITY TOTAL	2	1,305,078	

SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.			
1G20 RR05200-01	ZAMECNIK, PAUL C	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	315,986
INSTITUTION TOTAL	1	315,986	
CITY TOTAL	1	315,986	
STATE TOTAL	3	1,621,064	

MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1G20 RR05116-01	WILSON, LINDA S	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	731,590
INSTITUTION TOTAL	1	731,590	
CITY TOTAL	1	731,590	
STATE TOTAL	1	731,590	

NEW JERSEY			
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL			
1G20 RR05222-01	EDELMAN, NORMAN H	AIDS INFRASTRUCTURE PROJECTS	689,940
INSTITUTION TOTAL	1	689,940	
CITY TOTAL	1	689,940	
STATE TOTAL	1	689,940	

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	DOLLARS AWARDED
NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1G20 RR05205-01	KASE, NATHAN G	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	683,655
INSTITUTION TOTAL	1		683,655
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK 1G20 RR05113-01	BENDIXEN, HENRIK H	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	564,000
INSTITUTION TOTAL	1		564,000
CORNELL UNIVERSITY MEDICAL CENTER 1G20 RR05225-01	DOUGLAS, R GORDON, JR	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	827,183
INSTITUTION TOTAL	1		827,183
NEW YORK BLOOD CENTER 1G20 RR05215-01	MARSH, W LAURENCE	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	702,070
INSTITUTION TOTAL	1		702,070
YESHIVA UNIVERSITY 1G20 RR05130-01	PURPURA, DOMINICK	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	843,984
INSTITUTION TOTAL	1		843,984
CITY TOTAL	5		3,620,892
ROCHESTER UNIVERSITY OF ROCHESTER 1G20 RR05175-01	LICHTMAN, MARSHALL A	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	783,300
INSTITUTION TOTAL	1		783,300
CITY TOTAL	1		783,300
STATE TOTAL	6		4,404,192
NORTH CAROLINA DURHAM DUKE UNIVERSITY 1G20 RR05127-01	ANLYAN, WILLIAM G	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	780,000
INSTITUTION TOTAL	1		780,000
CITY TOTAL	1		780,000

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	DOLLARS AWARDED
STATE TOTAL	1	780,000	
PENNSYLVANIA HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER 1G20 RR05177-01 RAPP, FRED		AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	350,639
INSTITUTION TOTAL	1	350,639	
CITY TOTAL	1	350,639	
STATE TOTAL	1	350,639	
RHODE ISLAND PROVIDENCE			
BROWN UNIVERSITY 1G20 RR05121-01 ROTHMAN, FRANK G		AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	309,850
INSTITUTION TOTAL	1	309,850	
CITY TOTAL	1	309,850	
STATE TOTAL	1	309,850	
TEXAS DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS 1G20 RR05230-01 NEAVES, WILLIAM B		SOUTHWESTERN MEDICAL CENTER AT DALLAS AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	276,900
INSTITUTION TOTAL	1	276,900	
CITY TOTAL	1	276,900	
HOUSTON TEXAS CHILDREN'S HOSPITAL			
1G20 RR05166-01 FEIGIN, RALPH D		AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	316,040
INSTITUTION TOTAL	1	316,040	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS 1G20 RR05160-01 KEELING, MICHAEL E		SYSTEM CANCER CENTER AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	432,000
INSTITUTION TOTAL	1	432,000	
CITY TOTAL	2	748,040	
STATE TOTAL	3	1,024,940	

NIH
CONSTRUCTION GRANTS

DOLLARS
AWARDED

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER 1G20 RR05183-01	DAY, ROBERT W	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION
INSTITUTION TOTAL	1	788,549
UNIVERSITY OF WASHINGTON 1G20 RR05158-01	LEIN, JOHN N	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION

788,549

373,160

INSTITUTION TOTAL	1	373,160
CITY TOTAL	2	1,161,709
STATE TOTAL	2	1,161,709

WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1G20 RR05129-01	BROWN, ARNOLD L	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION
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567,230

INSTITUTION TOTAL	1	567,230
CITY TOTAL	1	567,230
STATE TOTAL	1	567,230

TOTAL	37	22,819,539
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DOLLARS
AWARDED

246,516

57,925

798,502

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA SAINT PETERSBURG SHOWA UNIVERSITY 1U01 AI27280-01	RESEARCH INSTITUTE FOR BIOMEDICINE IN FLORIDA, INC. NONOYAMA, MEIHAN	DEVELOPMENT OF THE PINE CONE EXTRACT AS A NOVEL DRUG	246,516
INSTITUTION TOTAL	1	246,516	
CITY TOTAL	1	246,516	
STATE TOTAL	1	246,516	
NEW JERSEY PISCATAWAY UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL 1U10 CA48743-01	DONALDSON, MILTON H	CHILDRENS CANCER STUDY GROUP	57,925
INSTITUTION TOTAL	1	57,925	
CITY TOTAL	1	57,925	
STATE TOTAL	1	57,925	
CANADA TORONTO ONTARIO CANCER INSTITUTE 1U01 AI27221-01	MAK, TAK W	DISCOVERY AND RATIONAL DEVELOPMENT OF NOVEL AIDS DRUGS	798,502
INSTITUTION TOTAL	1	798,502	
CITY TOTAL	1	798,502	
STATE TOTAL	1	798,502	
TOTAL	3	1,102,943	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1F32 GM12966-01	MIDDLETON, PAMELA	BIOCHEMISTRY	20,000
INSTITUTION TOTAL	1		20,000
CITY TOTAL	1		20,000
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1F32 HD07055-01A1	TODT, WILLIAM L	HOME ECONOMICS	21,000
INSTITUTION TOTAL	1		21,000
CITY TOTAL	1		21,000
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 GM12957-01	KELLY, RUTH E	MOLECULAR BIOLOGY	28,000
INSTITUTION TOTAL	1		28,000
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1F06 TW01481-01	TRAYLOR, TEDDY G	BIOCHEMISTRY	33,050
INSTITUTION TOTAL	1		33,050
CITY TOTAL	2		61,050
STANFORD			
STANFORD UNIVERSITY			
1F32 GM13016-01	AHN, KYUNGHYE	BIOCHEMISTRY	28,000
1F32 DK08267-01	COHEN, MITCHELL L	NUTRITION	34,500
INSTITUTION TOTAL	2		62,500
CITY TOTAL	2		62,500
STATE TOTAL	6		164,550
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1F32 GM13075-01	METZLER, WILLIAM J	BIOPHYSICS	21,000
INSTITUTION TOTAL	1		21,000

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
CITY TOTAL	1		21,000
COLORADO			
FORT COLLINS			
COLORADO STATE UNIVERSITY		PHYSIOLOGY	33,177
1F06 TW01486-01	WILKE, WILLARD L		
INSTITUTION TOTAL	1		33,177
CITY TOTAL	1		33,177
STATE TOTAL	2		54,177
CONNECTICUT			
STORRS			
UNIVERSITY OF CONNECTICUT STORRS		MOLECULAR BIOLOGY	18,463
1F33 GM12844-01	KELLY, JUDITH A		
INSTITUTION TOTAL	1		18,463
CITY TOTAL	1		18,463
STATE TOTAL	1		18,463
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY		SOCIAL/BEHAVIORAL SCIENCES	17,763
1F06 TW01484-01	BUSH, PATRICIA J		
INSTITUTION TOTAL	1		17,763
CITY TOTAL	1		17,763
STATE TOTAL	1		17,763
GEORGIA			
ATLANTA			
EMORY UNIVERSITY		BIOCHEMISTRY	30,500
1F32 DE05541-01	TAYLOR, KATHRYN L		
INSTITUTION TOTAL	1		30,500
CITY TOTAL	1		30,500
STATE TOTAL	1		30,500

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY 1F32 DK08204-01	SHERWOOD, EDWARD R	REPRODUCTIVE PHYSIOLOGY	24,996
INSTITUTION TOTAL	1	24,996	
UNIVERSITY OF CHICAGO			
1F32 GM12988-01	AMBLER, SUSAN K	PHARMACOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
UNIVERSITY OF ILLINOIS AT CHICAGO			
1F31 NR06310-01	PAICE, JUDITH A	NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	3	58,496	
STATE TOTAL	3	58,496	
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FOGARTY INTERNATIONAL CENTER 1F15 TW00319-01	DAVIES, ARTHUR M	EPIDEMIOLOGY	64,000
INSTITUTION TOTAL	1	64,000	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH			
1F15 TW00324-01	AGRANOFF, BERNARD W	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	17,000
1F15 TW00323-01	LEONARD, NELSON J	CHEMISTRY	27,000
1F05 TW04049-01	SENANAYAKE, NIMAL	EPIDEMIOLOGY	24,940
1F15 TW00326-01	WEBB, WATT W	BIOPHYSICS	27,000
INSTITUTION TOTAL	4	95,940	
CITY TOTAL	5	159,940	
STATE TOTAL	5	159,940	
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY 1F32 AI08050-01	DIRITA, VICTOR J	BACTERIOLOGY	28,000
1F32 AI08025-01	KOEHLER, THERESA M	MICROBIOLOGY	21,000
INSTITUTION TOTAL	2	49,000	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	2		49,000
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
1F32 CA08655-01	FORSYTH, CRAIG J	ORGANIC CHEMISTRY	20,000
1F32 GM13000-01	STOTE, ROLAND H	PHYSICAL CHEMISTRY	20,000
INSTITUTION TOTAL	2		40,000
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1F32 GM13021-01	GRUSKIN, ELLIOTT A	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	1		20,000
CITY TOTAL	3		60,000
STATE TOTAL	5		109,000
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1F32 DE05547-01A1	BOLLEN, ANNE-MARIE	ORAL BIOLOGY	30,500
INSTITUTION TOTAL	1		30,500
CITY TOTAL	1		30,500
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1F32 GM13047-01	TECKLENBURG, MARY M	CHEMISTRY	20,000
INSTITUTION TOTAL	1		20,000
CITY TOTAL	1		20,000
STATE TOTAL	2		50,500
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1F31 NR06303-01	JACKSON, EILEEN M	ANTHROPOLOGY	12,500
INSTITUTION TOTAL	1		12,500
CITY TOTAL	1		12,500

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1F33 AI08027-01	BELLONE, CLIFFORD J	IMMUNOLOGY	34,500
INSTITUTION TOTAL	1		34,500
CITY TOTAL	1		34,500
STATE TOTAL	2		47,000
NEW YORK ITHACA CORNELL UNIVERSITY ITHACA 1F32 GM13066-01	CONNER, JEFFREY K	GENETICS	21,000
INSTITUTION TOTAL	1		21,000
CITY TOTAL	1		21,000
VALHALLA NEW YORK MEDICAL COLLEGE 1F06 TW01480-01	NEWMAN, STUART A	BIOCHEMISTRY	5,563
INSTITUTION TOTAL	1		5,563
CITY TOTAL	1		5,563
STATE TOTAL	2		26,563
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 1F06 TW01468-01	CROSS, ALAN W	EPIDEMIOLOGY	35,514
INSTITUTION TOTAL	1		35,514
CITY TOTAL	1		35,514
STATE TOTAL	1		35,514
OHIO CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1F31 NR06280-01	ENGLAND, MARGARET C	NURSING	12,500
INSTITUTION TOTAL	1		12,500

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	12,500	
STATE TOTAL	1	12,500	
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
1F32 GM12989-01 BALDWIN, ENOCH P		MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY			
1F31 NR06281-01 PADRICK, KAREN P		NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
STATE TOTAL	2	32,500	
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
1F06 TW01456-01 CANE, DAVID E		BIOCHEMISTRY	29,866
INSTITUTION TOTAL	1	29,866	
CITY TOTAL	1	29,866	
STATE TOTAL	1	29,866	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
1F32 HD07073-01A2 RADZISZEWSKA, BARBARA		PHYSIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
STATE TOTAL	1	21,000	

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
VIRGINIA		
CHARLOTTESVILLE		
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE		
1F32 DE05529-01	CASTLE, ANNA M	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	28,000
CITY TOTAL	1	28,000
STATE TOTAL	1	28,000

28,000

WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1F32 GM12978-01	FARBER, GREGORY K	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	20,000
CITY TOTAL	1	20,000
STATE TOTAL	1	20,000
TOTAL	38	916,332

20,000

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RESEARCH CAREER PROGRAM AWARDS

DOLLARS
AWARDED

PRINCIPAL AREA OF RESEARCH

GRANT NUMBER	AWARDEE	
CALIFORNIA		
DAVIS		
UNIVERSITY OF CALIFORNIA AT DAVIS		
1K04 ES00182-01	KURTH, MARK J	

IMMUNOCHEMISTRY--IMMUNOASSAYS TO ARTIFICIAL ENZYMES

53,436

INSTITUTION TOTAL	1	53,436
CITY TOTAL	1	53,436

LA JOLLA		
SCRIPPS CLINIC AND RESEARCH FOUNDATION		
1K08 NS01330-01	NERENBERG, MICHAEL I	

TRANSGENIC MODELS OF VIRAL NEUROPATHY

63,072

INSTITUTION TOTAL	1	63,072
CITY TOTAL	1	63,072

LOS ANGELES		
UNIVERSITY OF SOUTHERN CALIFORNIA		
1K08 NS01337-01	SCHREIBER, STEVEN S	

MOLECULAR BIOLOGY OF MEMORY

65,102

INSTITUTION TOTAL	1	65,102
CITY TOTAL	1	65,102

SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1K08 NS01331-01	MACDONALD, GREGORY P	
1K08 HL02047-01A1	SIGAL, ELLIOTT	

MODELS OF DOWN SYNDROME BASED ON GENETIC HOMOLOGY
EOSINOPHIL IN ASTHMA--POTENTIAL ROLE FOR LIPOXYGENAS65,232
65,232

INSTITUTION TOTAL	2	130,464
CITY TOTAL	2	130,464

STANFORD		
STANFORD UNIVERSITY		
1K11 AR01816-01	HINKES, MICHAEL T	

CELL SURFACE PROTEOGLYCAN IN EPIDERMAL DEVELOPMENT

81,150

INSTITUTION TOTAL	1	81,150
CITY TOTAL	1	81,150
STATE TOTAL	6	393,224

FLORIDA		
GAINESVILLE		
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA		
1K08 DK01832-01A1	MAILLIARD, MARK E	

AMINO ACID CONTROL OF PLASMA MEMBRANE PROTEIN SYNTHESIS

75,579

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL	1		75,579
CITY TOTAL	1		75,579
 FLORIDA			
TAMPA			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
1K11 DE00243-01	HARTSFIELD, JAMES K JR	IN VITRO MURINE PHENYTOIN METABOLISM AND ORAL CLEFTING	65,473
INSTITUTION TOTAL	1		65,473
CITY TOTAL	1		65,473
STATE TOTAL	2		141,052
 ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
1K15 DE00252-01	HUSSONG, JERRY W	DETECTION OF CARCINOGEN RESISTANT CELLS IN ORAL MUCOSA	49,727
INSTITUTION TOTAL	1		49,727
CITY TOTAL	1		49,727
STATE TOTAL	1		49,727
 INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1K04 HD00865-01	LIECHTY, EDWARD A	FETAL BRANCHED CHAIN AMINO ACID & KETOACID METABOLISM	56,035
INSTITUTION TOTAL	1		56,035
CITY TOTAL	1		56,035
STATE TOTAL	1		56,035
 MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1K08 NS01339-01	GILBERT, MARK R	NEURONAL CYTOSKELETON IN CULTURE MODELS OF INJURY	64,243
INSTITUTION TOTAL	1		64,243
CITY TOTAL	1		64,243
STATE TOTAL	1		64,243

NTH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
CHILDREN'S HOSPITAL			
1K08 HL02253-01	DINAUER, MARY C	MOLECULAR STUDIES OF PHAGOCYTE OXIDASE B-CYTOCHROME	63,416
1K08 HL02226-01	KULIK, THOMAS J	STRETCH AS A GROWTH STIMULUS IN VASCULAR SMOOTH MUSCLE	69,040
INSTITUTION TOTAL	2	132,456	
HARVARD UNIVERSITY			
1K08 CA01417-01	COHEN, JEFFREY IRVIN	MOLECULAR ANALYSIS--TRANSFORMATION BY EPSTEIN-BARR VIRUS	63,504
1K08 HL02246-01	PERRY, STANTON B	ISCHEMIA AND REPERFUSION IN THE IMMATURE MYOCARDIUM	63,376
INSTITUTION TOTAL	2	126,880	
CITY TOTAL	4	259,336	
STATE TOTAL	4	259,336	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1K08 AG00433-01	SUPIANO, MARK A	SYMPATHETIC FUNCTION IN THE ELDERLY	58,104
INSTITUTION TOTAL	1	58,104	
CITY TOTAL	1	58,104	
STATE TOTAL	1	58,104	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1K01 AG00434-01	GARRARD, JUDITH	DISCHARGE OF NURSING HOME ELDERLY TO THE COMMUNITY	64,368
1K15 DE00225-01A1	KEHL, LOIS J	TRIGEMINAL STUDIES OF NOCICEPTION	56,200
INSTITUTION TOTAL	2	120,568	
CITY TOTAL	2	120,568	
STATE TOTAL	2	120,568	
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1K08 HL02196-01	GREENWALD, JAMES E	REGULATION OF MYOCARDIAL SYNTHESIS, RELEASE & PROCESSING	51,439

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1K08 HL02244-01	VELAZQUEZ, MARISSEL	STRUCTURE-FUNCTION CORRELATIONS DURING ACUTE LUNG INJURY	60,268
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
NEBRASKA OMAHA UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER 1K04 HL02217-01	PAUL, SUDHIR	CHARACTERIZATION OF VIP RECEPTORS & VIP AUTOANTIBODIES	48,825
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK BUFFALO STATE UNIVERSITY OF NEW YORK AT BUFFALO 1K08 NS01349-01	HIGGINBOTHAM, D JEFFERY	COMMUNICATION DEVICE EFFECT--CONVERSATIONAL PERFORMANCE	59,496
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NORTH CAROLINA DURHAM DUKE UNIVERSITY 1K04 HL02233-01	TELEN, MARILYN J	ERYTHROCYTE PROTEIN ANTIGENS REGULATED BY IN-LU	52,142
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PENNSYLVANIA PHILADELPHIA THOMAS JEFFERSON UNIVERSITY 1K08 AR01817-01	VARGA, JOHN	MECHANISMS OF COLLAGEN SYNTHESIS REGULATION BY TGF-B	72,891

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL	1		72,891
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1K11 HL02229-01	ALBITAR, MAHER		
INSTITUTION TOTAL	1	HEMOGLOBIN SYNTHESIS IN THE HUMAN ERYTHROCYTE	58,960
CITY TOTAL	2		131,851
STATE TOTAL	2		131,851
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1K11 AG00432-01	SCHULZ, PAUL E	CHOLINERGIC MODULATION OF HIPPOCAMPAL MOSSY FIBER LTP	67,744
1K08 AG00428-01	TAFFET, GEORGE E	MODULATION OF RELAXATION IN THE SENESCENT HEART	61,557
1K11 AR01813-01	WILSON, RAYMOND W	MOLECULAR GENETICS OF LEUKOCYTE ADHESION MOLECULES	56,074
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1K08 NS01341-01	CHANCE, PHILIP F	GENETIC ANALYSIS OF CHARCOT-MARIE-TOOTH DISEASE	77,760
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1K08 HD00868-01	MARTHA, PAUL M JR	EFFECT OF ANOGENS ON GROWTH HORMONE SECRETION	64,152
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
1K08 NS01350-01	COLTRERA, MARC D	HEAD AND NECK CARCINOMA CELL KINETICS	62,640
INSTITUTION TOTAL	1		62,640
CITY TOTAL	1		62,640
STATE TOTAL	1		62,640
WEST VIRGINIA			
MORGANTOWN			
WEST VIRGINIA UNIVERSITY			
1K11 DE00257-01	RUBY, JOHN D	PERIPLASMIC FLAGELLA OF TREPONEMA DENTICOLA	66,130
INSTITUTION TOTAL	1		66,130
CITY TOTAL	1		66,130
STATE TOTAL	1		66,130
TOTAL	32		2,002,367



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